STELLAR RESOURCES LTD

8th January, 2008

EL46/2003 HEEMSKIRK
Report on drill holes AP013-AP018

Appendix 1: Logs of diamond drill holes AP013 to AP018 including core recovery, lithologies, structure, assays, down hole surveys. Analyst: Burnie Research Laboratory

DRILL LOG AP013

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole **AP013**

Collar coordinates: GPS MGA Zone 55 (GDA94) 341 561mE 5 376 920mN
RL: (msl+2000) 2190 m
Length: 353 m
Azimuth: n. a.
Dip: -90^0
Drilled: 2007, Boart Longyear
Drill: Triple tube HQ/NQ
Logged: Nic Turner, March, 2007

Drillers'	Blocks	Recovery	Recovery	Geology			Petrology	Structure		Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt
From (m)	To (m)	(m)	%	From (m)	To (m)	Description	Depth (m)	Depth (m)	Alpha^0	From (m)	To (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
0	4	0.80	20	0.00	6.57	Dark brown, clayey, sandy gravel with well rounded pebbles of vein						AAS	AAS	AAS	AAS	AAS	AAS			Leco	50 gm FA	50 gm FA
4	7	1.00	33			quartz and quartzite.						10	10	10	10	1	50			0.01%	0.01 ppm	0.01 ppm
7	10	1.5	50	6.57	24.7	Tertiary basalt. Mostly weakly weathered, but with strongly weathered				63.88	65.00	18	49	38	428	1	496	804	2	9.40	<0.01	<0.01
10	12.9	1.65	57			intervals. Textures include amygdular, porphyritic and massive. Possible				65.00	66.24	5	54	41	36	1	<25	29	9	0.95	<0.01	<0.01
12.9	15	1.1	52			pillowed basalt near base.																
15	16	2	67	24.7	28.94	Buff, clayey, granuly, coarse grained sand																
16	16.9	0.78	87	28.94	64.24	Muscovite-quartz phyllite and schistose muscovitic quartzite. Phyllite is		31	MF 8	132.20	133.00	2	33	29	24	<1	<25	43	<1	0.49	<0.01	<0.01
16.9	17.5	0.6	100			black (graphitic) at 41.63-47.45 m, but is mostly pale olive at 28.94-41.63 m and		31	LF 0	133.00	134.00	81	48	42	52	1	<25	37	4	1.20	<0.01	<0.01
17.5	18.3	0.68	85			47.45-64.24 m. Common pyrite at 63.88-64.24 m. Colour contacts may be				134.00	135.00	5	46	57	41	1	35	41	6	1.27	<0.01	<0.01
18.3	19	0.75	107			transitional and transgressive or sharp and parallel to the main foliation.				135.00	136.00	2	38	47	32	1	27	28	3	0.84	<0.01	<0.01
19	21.6	2.6	100			The main foliation is defined by thin (1-6 mm) muscovite and quartz				136.00	137.00	1	35	34	25	<1	<25	27	4	0.44	<0.01	<0.01
21.6	23.2	1.55	97			laminae due to metamorphic differentiation. Early quartz veins parallel		51	MF 12	137.00	138.00	2	30	19	26	<1	<25	23	2	0.86	<0.01	<0.01
23.2	23.5	0.25	83			to foliation are boudinaged and may display isoclinal fold closures. In				138.00	139.00	32	45	33	71	1	<25	37	2	3.58	<0.01	<0.01
23.5	25	0.96	64			places the main foliation is overprinted by a widely spaced, differentiated		57.6	MF 35	139.00	140.00	32	50	32	82	1	33	41	8	2.90	<0.01	<0.01
25	26.5	0	0			foliation that is associated with chevron folds. A few, thin, planar, cross-		57.6	LF 18	140.00	141.00	83	58	40	72	1	29	30	9	1.82	<0.01	<0.01
26.5	28	0	0			cutting, quartz-carbonate veinlets are present near 56 m.				141.00	142.00	11	65	39	18	<1	<25	10	<1	0.12	<0.01	<0.01
28	29.5	1.15	77	64.24	66.24	Breccia of mainly 1-2 mm fragments, but with a subordinate proportion				142.00	143.00	8	46	21	28	<1	<25	19	<1	0.33	<0.01	<0.01
29.5	31	1.4	93			of fragments up to 20 mm across. The fragments are angular and may be				143.00	144.00	12	87	47	21	<1	<25	13	<1	0.24	<0.01	<0.01
31	32.5	0.93	62			elongate and aligned. They are very fine grained and may be green, cream				144.00	145.00	20	106	62	24	<1	<25	11	7	0.09	<0.01	<0.01
32.5	34	1.2	80			or olive in colour. The matrix is fine grained and contains carbonate and				145.00	146.00	216	1154	903	42	1	62	18	8	0.22	<0.01	<0.01
34	35.5	1.43	95			substantial pyrite. The texture of the breccia is relatively massive.				146.00	147.00	11	40	34	21	<1	<25	14	1	0.15	<0.01	<0.01
35.5	37	1.48	99	66.24	68.18	Pale olive mica-quartz phyllite.				147.00	148.00	3	33	12	23	<1	<25	8	<1	0.15	<0.01	<0.01
37	38.5	1.44	96	68.18	132.2	Black muscovite-quartz phyllite with a few, narrow intervals of pale olive	1, 119.5	70	MF 5	148.00	149.00	3	35	27	17	<1	<25	13	<1	0.08	<0.01	<0.01
38.5	40	1.56	104			phyllite.		80	MF 28	149.00	150.00	16	36	24	26	<1	<25	25	<1	0.45	<0.01	<0.01
40	41.5	1.3	87	132.2	139.44	Dark olive, mica-rich rock lacking strong foliation. About 10% of the inter-	2, 133.5	90	MF 30	150.00	151.00	7	33	44	23	<1	<25	21	6	0.30	<0.01	<0.01
41.5	43	1.53	102			val is brecciated. Pyrite is finely disseminated in the rock. It also occurs as		100	MF 40	151.00	152.00	34	38	25	59	1	73	24	2	0.88	<0.01	<0.01
43	44.5	1.5	100			patches in the breccia and forms a few veinlets. Altered interval?		110	MF 40	152.00	153.00	10	33	28	27	<1	<25	13	5	0.24	<0.01	<0.01
44.5	46	1.4	93	139.44	141	Pyritic, black muscovite-quartz phyllite. Very broken core.		120	MF 40	153.00	153.60	2	33	22	17	<1	<25	12	<1	0.05	<0.01	<0.01
46	47.5	1.3	87	141	142.95	Pale olive mica-quartz phyllite.	3, 142.5	130	MF 30	153.60	155.00	55	95	37	129	1	49	68	6	4.73	<0.01	<0.01
47.5	49	1.52	101	142.95	145.4	Black muscovite-quartz phyllite. Contact at 145 m is parallel to foliation.		143	MF 30	155.00	155.74	12	61	30	35	1	<25	32	9	0.97	<0.01	<0.01
49	50.5	1.45	97	145.4	153.6	Mostly pale olive mica-quartz phyllite. Very broken core 145.8-147.6 m		149	MF 20	155.74	157.00	13	37	25	20	<1	<25	9	3	0.12	<0.01	<0.01
50.5	52	1.5	100			and 149.4-150.95 m that shows moderate weathering with some clay.				157.00	158.00	22	40	35	38	<1	<25	14	3	0.38	<0.01	<0.01
52	53.5	0.62	62	153.6	155.74	Common carbonate-quartz-pyrite veins in phyllite.				158.00	159.00	6	33	13	31	<1	87	26	1	0.27	<0.01	<0.01
53.5	55	1.5	100	155.74	163.63	Mostly pale olive mica-quartz phyllite.				159.00	160.00	2	29	11	16	<1	36	14	2	0.15	<0.01	<0.01
55	56.5	1.46	97	163.63	163.75	Crushed rock with a little clay.				160.00	161.00	6	41	9	74	<1	<25	72	1	1.59	<0.01	<0.01
56.5	58	1.5	100	163.75	175.9	Pale grey and cream dolomite. Partly massive and medium grained (?re-		169	BA 15	161.00	162.00	136	42	10	108	<1	<25	301	4	4.03	<0.01	<0.01
58	59.5	1.45	97			crystallised) and partly very fine grained and banded. Latter material con-	4, 166.7			162.00	163.00	8	49	18	73	1	119	69	9	3.78	<0.01	<0.01
59.5	61	1.48	97			tains typical early, boudinaged quarz veins and a little pale olive muscovite.				163.00	163.75	6	51	24	43	1	<25	34	9	1.78	<0.01	<0.01
61	62.4	1.4	100			Intervals of breccia similar to 64.24-66.24 m are present at 164.35-165.85 m,				163.75	165.00	4	50	25	39	1	81	34	6	1.97	<0.01	<0.01
62.4	64	1.6	100			168.4-169.3 m and 174.55-175.9. They contain 3-5% pyrite and a very fine	5, 175.2			165.00	166.00	4	39	18	40	1	67	26	12	1.99	<0.01	<0.01
End of HQ, start of NQ						stockwork of carbonate in the matrix.				166.00	167.00	3	46	27	38	1	41	24	4	0.45	<0.01	<0.01
64	65.4	1.25	80	175.9	183.46	Pyritic, black muscovite-quartz phyllite.		180	MF 35	167.00	168.00	4	49	25	32	<1	<25	22	4	0.33	<0.01	<0.01
65.4	66.5	0.95	86	183.46	185.08	Pale olive mica-quartz phyllite with minor pyrite.				168.00	169.00	4	56	29	28	1	<25	25	6	0.85	<0.01	<0.01
66.5	69.6	3	97	186.04	194.5	Possibly an alteration product - pale grey and pale olive, massive, very				169.00	170.00	4	60	25	32	1	<25	25	8	1.10	<0.01	<0.01
69.6	72.7	2.85	92			fine grained rock. Easily scratched, but no acid reaction. Possibly sericite.				170.00	171.00	15	120	45	44	1	<25	36	12	4.62	<0.01	<0.01
72.7	75.4	2.4	89			Contains 5-10% pyrite and ?chalcopyrite as disseminations and in bands.				171.00	172.00	35	223	78	53	2	<25	44	16	9.47	<0.01	<0.01
75.4	77.4	2.1	105			There are intervals of grey, sulphide-poor carbonate at 192.7-194.5 m.				172.00	173.00	4	61	26	25	<1	<25	17	7	0.43	<0.01	<0.01
77.4	80.4	2.81	94	194.5	202.7	Mostly breccia similar 64.24-66.24, but with intervals of dark grey, massive				173.00	174.00	8	58	27	31	1	20	17	8	0.70	<0.01	<0.01
80.4	82	1.44	90			carbonate and pale grey, silicified carbonate. At its margins the breccia				174.00	174.55	28	58	42	55	1	99	32	6	1.90	<0.01	<0.01
82	84.3	2.2	97			can be seen to occupy fractures in the adjacent rocks.				174.55	175.90	65	56	25	93	1	64	43	9	2.64	<0.01	<0.01

Drillers'	Blocks	Recovery	Recovery	Geology			Petrology	Structure		Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt
84.3	85.7	1.6	114	202.7	204.6	Black muscovite-quartz phyllite with trace pyrite and sparse, cross-cutting		204	MF 15	175.90	177.00	996	97	44	123	1	61	57	7	8.75	0.02	<0.01
85.7	88.9	3.06	96			carbonate-quartz veins.				177.00	178.00	23	94	34	94	1	44	45	9	5.14	<0.01	<0.01
88.9	89.9	0.95	95	204.6	208.5	Most of the interval comprises very fine grained, pale coloured, massive,	6, 205.7			178.00	179.00	86	107	32	81	<1	<25	43	10	4.59	<0.01	<0.01
89.9	90.8	0.89	99			quartz-rich rock with subordinate carbonate and about 30% pyrite overall.				179.00	180.00	47	88	205	23	1	<25	21	2	1.23	<0.01	<0.01
90.8	91.9	0.79	72			The pyrite occurs as bands and as patches in brecciated intervals. First				180.00	181.00	4	83	46	26	1	<25	17	11	0.71	<0.01	<0.01
91.9	95	3	97			positive identification of chalcopyrite as scattered blebs in cross-cutting				181.00	182.00	3	84	31	23	<1	48	18	1	0.52	<0.01	<0.01
95	98.1	2.88	93			fractures and carbonate-quartz veinlets.				182.00	183.00	4	102	33	23	1	<25	18	7	1.47	<0.01	<0.01
98.1	101.1	1.4	47	208.5	211.6	Black muscovite-quartz phyllite. Includes an 0.55 m interval of dark grey,		210	MF 25	183.00	184.00	12	140	130	41	1	65	23	11	3.81	<0.01	<0.01
101.1	104.2	2.94	95			fine grained, massive dolomite with numerous cross-cutting veinlets.				184.00	185.00	11	70	38	32	<1	<25	29	1	1.59	<0.01	<0.01
104.2	105.5	1.1	85			Trace pyrite. Very broken core. Puggy and brecciated near 211.6 m.				185.00	186.00	21	70	22	38	<1	30	24	4	2.20	<0.01	<0.01
105.5	107.4	1.67	88	211.6	216.3	Similar to parts of 204.6-208.5 m. Partly crudely banded and partly brec-				186.00	187.00	3	54	20	30	<1	<25	22	5	2.19	<0.01	<0.01
107.4	110.4	2.96	99			ciated, pale grey and cream, very fine grained, siliceous material with black				187.00	188.00	4	55	41	45	<1	<25	26	8	3.79	<0.01	<0.01
110.4	113.4	2.9	97			phyllite and massive pyrite that have been brecciated and mobilised to				188.00	189.00	3	39	21	50	<1	<25	27	4	3.39	<0.01	<0.01
113.4	116.4	2.94	98			form a matrix for the siliceous fragments. Sparse blebs of chalcopyrite				189.00	190.00	7	48	20	48	1	63	25	8	4.59	<0.01	<0.01
116.4	119.4	2.9	97			throughout.				190.00	191.00	12	65	39	51	1	56	28	9	4.88	<0.01	<0.01
119.4	120.4	0.97	32	216.3	219.22	Relatively massive, pale grey and cream, very fine grained, banded, silica				191.00	192.00	11	59	35	41	1	<25	24	15	3.76	<0.01	<0.01
120.4	122.4	2	100			rock with thin pyrite banding. Fractured, not brecciated. Chevron folds in				192.00	193.00	9	88	234	56	<1	46	26	13	3.86	<0.01	<0.01
122.4	125.4	2.93	98			banding. Minor chalcopyrite occurs in cross cutting fractures.				193.00	194.00	15	62	33	45	<1	<25	31	8	3.78	<0.01	<0.01
125.4	128.4	2.9	97	219.22	221.4	Intervals of pale, very fine grained, banded, silica rock and intervals of		219.5	CB 90	194.00	195.00	9	59	28	35	1	<25	28	8	1.63	<0.01	<0.01
128.4	131.4	2.95	98			darker, banded schists with chlorite and feldspar. Magnetite/pyrite bands	7, 219.6	219.5	MF 30	195.00	196.00	8	53	20	27	<1	44	24	7	0.99	<0.01	<0.01
131.4	134.4	2.96	99			occur in the darker schist at 219.3-219.85 m. At 219.52 m the magnetite/				196.00	197.25	8	97	44	31	1	<25	19	10	1.07	<0.01	<0.01
134.4	136.3	1.56	82			pyrite banding is cross cut and brecciated by the main foliation.				197.25	198.00	6	55	20	27	<1	33	20	5	1.06	<0.01	<0.01
136.3	137.4	1.05	95	221.4	230.8	Banded chlorite-pyrite-carbonate-?feldspar-quartz schist. Magnetite				198.00	199.00	5	58	20	29	1	64	27	8	1.08	<0.01	<0.01
137.4	138.6	1.05	88			banding 221.4-221.93 m. Scattered blebs of chalcopyrite are associated with	8, 223	230.7	MF 40	199.00	200.48	4	48	14	32	<1	<25	24	7	1.38	<0.01	<0.01
138.6	140.3	1.45	85			carbonate patches or in fractures.				200.48	201.00	17	119	54	29	1	134	24	6	0.92	<0.01	<0.01
140.3	143.3	2.5	83	230.8	250	Pale grey, fine grained, silica rock with minor pyrite, carbonate and a little		240	MF 50	201.00	202.00	13	52	26	7	<1	93	10	3	0.31	<0.01	<0.01
143.3	146.2	2.79	96			black muscovite in bands. Crudely banded parallel to the main foliation,	9, 236.6	250	MF 15	202.00	203.00	10	44	24	33	<1	27	31	6	2.13	<0.01	<0.01
146.2	149.4	2.93	92			but no parting.Scattered cross cutting quartz-carbonate veinlets. No				203.00	204.00	6	28	16	4	<1	54	9	7	0.14	<0.01	<0.01
149.4	150.8	0.95	68			chalcopyrite recognised.				204.00	204.60	7	17	12	13	<1	<25	14	6	0.38	<0.01	<0.01
150.8	152.4	1.3	82	250	277.8	Similar pale grey, very fine grained, silica rock with pervasive banding, but				204.60	206.00	3182	93	25	28	1	273	322	15	11.4	<0.01	<0.01
152.4	155.4	2.72	91			no parting. Higher proportion of pyrite than 230.8-250 m. Chalcopyrite		261	CB 10	206.00	207.00	11500	98	35	33	2	367	303	9	12.1	0.03	<0.01
155.4	158.4	2.83	94			occurs throughout in cross cutting fractures and quartz-carbonate vein-	10, 258	270	CB 30	207.00	208.50	1669	144	33	64	2	421	513	18	21.6	0.04	<0.01
158.4	161.4	3	100			lets. Carbonate in the interval 253.2-255 m displays an unusual red colour				208.50	209.00	660	88	45	56	1	37	37	14	3.57	<0.01	<0.01
161.4	164.4	2.53	84			(?hematite, ?manganese). Bands of magnetite/pyrite are present 258.2-	14, 261.3			209.00	210.00	58	104	45	37	<1	99	25	8	1.40	<0.01	<0.01
164.4	167.4	2.97	99			258.5 m and 260.66-261.4 m. A little massive pyrite occurs 262.2-272 m, but				210.00	211.60	44	36	25	56	<1	68	34	16	2.65	<0.01	<0.01
167.4	170.4	2.94	98			pyrite is mostly 5-15 % and in bands. Chalcopyrite is common in this interval				211.60	213.00	2087	160	114	43	2	162	146	6	15.5	0.06	<0.01
170.4	174.4	3	75			in cross cutting carbonate-quartz veinlets and as blebs and trains of fine	11, 268.3			213.00	214.00	1013	107	68	42	1	96	113	10	5.14	<0.01	<0.01
174.4	175.7	1.14	88			grains in some bands. A transitional interval of banded quartz-graphitic				214.00	215.00	1862	121	76	52	1	123	207	1	9.41	0.04	<0.01
175.7	176.4	1.53	219			chlorite-pyrite-carbonate is present at 272.2-273.1 m. In places in the inter-				215.00	216.30	2931	122	76	41	1	400	323	7	11.2	0.04	<0.01
176.4	178.7	2.22	96			val 250-277.8 m the silica rock is brecciated and carbonate forms the				216.30	217.00	1528	63	26	28	<1	221	162	<1	2.33	0.02	<0.01
178.7	179.2	0.26	52			matrix of the breccia.				217.00	218.00	1072	54	25	25	<1	280	83	<1	2.24	<0.01	<0.01
179.2	179.8	0.34	57	277.8	292.8	At 277.8 m there is a transgressive, but sharp, change to thinly banded,		280	CB 30	218.00	219.00	3963	81	33	35	<1	231	245	7	5.51	<0.01	<0.01
179.8	182.4	2.57	99			granular quartz-chlorite-?feldspar-pyrite-carbonate-magnetite-hematite.	12, 281.6	290.5	CB 10	219.00	220.00	5232	139	46	33	2	267	348	4	11.0	<0.01	<0.01
182.4	184	1.4	88			Magnetite occurs as disseminated grains up to 3 mm across, but is most				220.00	221.40	1010	62	29	21	<1	196	74	4	1.83	<0.01	<0.01
184	185.1	1.08	98			abundant as fine grained bands with pyrite, particularly in the interval 284.1-	13, 287.1			221.40	222.00	3357	143	63	48	2	307	214	9	6.76	<0.01	<0.01
185.1	186.5	1.34	96			288.7 m. Chalcopyrite is widespread occurring in sparse, cross cutting,				222.00	223.00	1833	97	59	24	<1	275	177	5	4.33	<0.01	<0.01
186.5	189.6	3.1	100			quartz-carbonate veinlets and as trains of fine grains in some bands.				223.00	224.00	3295	93	53	25	<1	148	237	17	7.22	<0.01	<0.01
189.6	192.7	3.05	98	292.8	294.42	Medium grey, very fine grained silica rock and coarse grained quartz-				224.00	225.00	2687	104	56	33	1	214	229	10	9.70	<0.01	<0.01
192.7	194	1.06	82			carbonate veins with patches of chlorite, ?feldspar, pyrite and chalcopyrite.				225.00	226.00	1442	98	68	28	0	144	178	4	5.15	<0.01	<0.01
194	194.8	0.7	88	294.42	296.7	Similar to 277.8-292.8 m with magnetite-pyrite-carbonate banding.				226.00	227.00	2127	98	76	36	1	176	263	1	5.41	<0.01	<0.01
194.8	196.5	2.87	169			Chalcopyrite occurs as trains of fine grains parallel to the banding.				227.00	228.00	2575	89	55	22	<1	147	147	5	3.35	<0.01	<0.01
196.5	199.6	1.83	59	296.7	303.6	Mostly medium to pale grey, very fine grained silica rock with cream carb-				228.00	229.00	2719	100	53	31	<1	272	159	2	3.71	<0.01	<0.01
199.6	202.7	3.03	98			onate in a very fine stockwork of fractures. Abundant pyrite. Several inter-				229.00	230.00	2341	91	58	27	<1	136	125	2	3.16	0.02	<0.01
202.7	205.8	2.88	93			vals of banded magnetite-pyrite-hematite-silicate with transgressive,		302	CB 25	230.00	230.85	3394	116	68	35	1	322	258	4	8.17	0.05	<0.01
205.8	208.3	2.55	102			transitional boundaries against the silica rock. Chalcopyrite scattered				230.85	232.00	337	41	45	36	<1	128	48	<1	2.01	<0.01	<0.01
208.3	209.3	0.75	75			throughout.				232.00	233.00	67	51	33	37	<1	158	75	3	2.77	<0.01	<0.01
209.3	210.4	0.92	82	303.6	308.7	Very fine grained silica rock with carbonate and pyrite, but no magnetite,				233.00	234.00	69	44	38	24	<1	140	55	3	2.14	<0.01	<0.01
210.4	211.4	0.67	67			hematite or chalcopyrite. The carbonate appears to be late, occupying				234.00	235.00	743	65	64	8	<1	201	73	2	2.61	<0.01	<0.01
211.4	212.2	0.6	75			fractures in the silica rock.				235.00	236.00	282	37	38	15	<1	116	66	<1	2.01	<0.01	<0.01
212.2	213.7	1.49	99	308.7	353	Pale grey, micaceous, schistose quartzite alternating with black,		310	MF 40	236.00	237.00	158	46	30	2	1	34	66	<1	2.30	<0.01	<0.01
213.7	215.4	1.58	93			muscovite-quartz phyllite and pale olive mica-quartz phyllite. Sparse cross		320.4	MF 18	237.00	238.00	31	39	35	12	1	<25	23	<1	0.72	<0.01	<0.01
215.4	218.4	2.99	100			cutting, carbonate-quartz veinlets are present, but no chalcopyrite was		330	MF 0	238.00	239.00	39	42	82	13	1	25	42	<1	1.24	<0.01	<0.01
218.4	221.4	3.03	101			recognised. The pale olive and black phyllites have irregular, transgressive,		340	MF 35	239.00	240.00	128	38	33	28	1	90	53	<1	2.01	<0.01	<0.01
221.4	224.4	2.64	88			transitional contacts in places, which indicate that the pale olive material		350	MF 55	240.00	241.00	794	57	43	9	1	221	51	<1	2.32	0.02	<0.01

Drillers'	Blocks	Recovery	Recovery	Geology	Petrology	Structure
224.4	227.4	3.38	113	is an alteration product of the black material. Below 343.35 m the pale		
227.4	230.4	3.02	101	olive phyllite is dominant and there is no quartzite.		
230.4	233.4	2.92	97	353 EOH		
233.4	236.4	2.9	97			
236.4	239.4	2.97	99	Structural symbols: MF main foliation, LF late foliation		
239.4	242.4	3.07	102	BA clast alignment in breccia, CB compositional banding		
242.4	245.4	3.06	102			
245.4	248.4	3.01	100			
248.4	251.4	3	100			
251.4	254.4	3.2	107			
254.4	257.4	2.68	89			
257.4	259.6	2.15	98			
259.6	261.4	1.74	97			
261.4	262.2	1.03	129			
262.2	263.4	0.89	74			
263.4	266	2.5	96			
266	269.1	3.1	100			
269.1	272.2	3.03	98			
272.2	275.2	2.52	84			
275.2	278.2	3.1	103			
278.2	281.2	3.1	103			
281.2	284.3	3.09	100			
284.3	287.4	3.11	100			
287.4	290.4	3.05	102			
290.4	293.4	2.96	99			
293.4	296.4	2.96	99			
296.4	299.4	3.05	102			
299.4	302.4	2.97	99			
302.4	305.4	3	100			
305.4	308.4	2.97	99			
308.4	311.4	2.8	93			
311.4	314.3	2.77	92			
314.3	317.4	3	97			
317.4	320.4	3.06	102			
320.4	323.4	3.01	100			
323.4	326.4	3	100			
326.4	329.4	2.89	96			
329.4	332.4	3	100			
332.4	335.4	2.94	98			
335.4	337.6	2.16	98			
337.6	339.3	1.62	95			
339.3	341.4	2.18	104			
341.4	344.4	2.91	97			
344.4	347.1	2.42	90			
347.1	348.8	1.59	94			
348.8	351.9	3.04	98			
351.9	353	1.03	94			
353	EOH					

Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt
241.00	242.00	1714	48	31	6	1	222	65	<1	2.38	0.02	<0.01
242.00	243.00	813	54	33	27	1	188	68	<1	1.29	<0.01	<0.01
243.00	244.00	1458	45	38	17	1	131	65	<1	2.04	0.02	<0.01
244.00	245.00	1210	50	112	12	1	256	61	<1	1.96	<0.01	<0.01
245.00	246.00	1174	43	36	10	1	<25	36	<1	1.04	<0.01	<0.01
246.00	247.00	1493	39	25	15	1	189	50	<1	1.28	0.02	<0.01
247.00	248.00	1355	40	30	16	1	108	53	<1	2.31	0.02	<0.01
248.00	249.00	387	32	27	19	<1	<25	48	2	1.42	0.02	<0.01
249.00	250.00	992	39	48	29	1	133	57	<1	1.22	<0.01	<0.01
250.00	251.00	2613	57	54	69	1	456	405	<1	7.89	0.02	<0.01
251.00	252.00	2253	50	41	63	1	90	96	<1	2.25	0.02	<0.01
252.00	253.00	3561	65	46	55	1	204	173	<1	5.07	0.03	<0.01
253.00	254.00	355	60	45	46	1	128	124	<1	3.56	0.05	<0.01
254.00	255.00	196	78	53	55	1	90	193	<1	4.13	0.02	<0.01
255.00	256.00	1675	73	42	48	1	53	109	<1	4.59	0.02	<0.01
256.00	257.00	1317	83	42	34	2	180	179	<1	7.14	0.03	<0.01
257.00	258.00	4787	91	39	47	3	95	153	<1	8.79	0.03	<0.01
258.00	259.00	2716	95	56	41	2	92	211	<1	7.63	0.02	<0.01
259.00	260.00	59	60	43	25	1	<25	65	<1	1.93	<0.01	<0.01
260.00	261.00	4697	71	46	34	2	125	162	<1	6.13	0.02	<0.01
261.00	262.00	3021	92	32	39	2	149	245	<1	5.30	<0.01	<0.01
262.00	263.00	2060	42	25	33	1	126	97	<1	2.69	0.02	<0.01
263.00	264.00	5724	54	26	76	2	693	298	<1	11.4	0.07	<0.01
264.00	265.00	843	30	23	39	<1	37	67	<1	1.72	<0.01	<0.01
265.00	266.00	48	33	29	38	<1	<25	93	<1	2.82	<0.01	<0.01
266.00	267.00	1691	51	36	44	1	<25	77	<1	2.88	0.02	<0.01
267.00	268.00	10700	50	59	37	1	<25	50	<1	2.90	0.04	<0.01
268.00	269.00	8726	63	23	64	1	342	207	7	7.93	0.06	<0.01
269.00	270.00	2672	33	22	34	<1	37	55	7	2.02	0.02	<0.01
270.00	271.00	1880	46	36	41	1	160	56	7	2.80	0.02	<0.01
271.00	272.00	9154	70	42	52	1	131	82	10	4.12	0.06	<0.01
272.00	273.00	6169	77	48	32	2	288	161	8	6.63	0.04	<0.01
273.00	274.00	4703	69	36	34	2	241	179	9	6.35	0.02	<0.01
274.00	275.00	4787	30	20	32	1	<25	161	6	3.60	0.02	<0.01
275.00	276.00	4125	48	29	38	1	140	218	10	4.30	0.02	<0.01
276.00	277.00	2424	53	35	33	1	92	141	11	3.28	<0.01	<0.01
277.00	277.83	5386	64	41	26	1	<25	132	11	4.29	<0.01	<0.01
277.83	279.00	3871	85	60	26	1	151	196	10	6.68	<0.01	<0.01
279.00	280.00	5247	140	59	48	3	<25	405	11	14.0	<0.01	<0.01
280.00	281.00	4847	78	59	27	2	82	179	5	5.44	<0.01	<0.01
281.00	282.00	4806	92	66	30	2	148	443	6	7.78	<0.01	<0.01
282.00	283.00	1788	86	61	37	2	250	255	4	5.05	<0.01	<0.01
283.00	284.10	5947	87	72	34	2	90	284	6	6.98	<0.01	<0.01
284.10	285.00	3464	150	48	51	3	90	334	11	7.84	0.03	<0.01
285.00	286.00	3152	164	45	51	3	82	326	12	8.34	<0.01	<0.01
286.00	287.00	2428	132	38	41	2	67	205	10	4.69	<0.01	<0.01
287.00	288.00	3414	134	34	37	3	195	282	13	5.60	<0.01	<0.01
288.00	288.70	3897	163	38	39	4	185	276	6	7.67	<0.01	<0.01
288.70	290.00	5395	148	49	40	3	230	446	7	13.1	<0.01	<0.01
290.00	291.00	5017	140	58	44	3	245	476	10	12.8	<0.01	<0.01
291.00	292.00	4237	141	52	41	3	279	321	10	8.32	0.02	<0.01
292.00	292.80	4448	113	54	55	3	368	392	36	11.4	0.05	<0.01
292.80	294.00	2904	88	47	54	2	136	343	14	7.26	<0.01	<0.01
294.00	295.00	1987	88	63	25	1	400	324	14	7.15	<0.01	<0.01
295.00	296.00									9.54	<0.01	<0.01
296.00	297.00	3027	139	37	37	3	569	269	5	10.1	0.04	<0.01
297.00	298.00	904	95	32	23	2	252	168	6	5.45	0.02	<0.01
298.00	299.00	318	84	38	33	1	671	354	6	13.8	0.05	<0.01
299.00	300.00	1154	90	35	29	2	419	167	2	8.82	0.03	<0.01
300.00	301.00	1695	71	41	29	2	161	176	4	4.80	<0.01	<0.01
301.00	302.00	6688	116	36	33	3	180	226	8	6.18	0.04	<0.01
302.00	303.00	6034	149	36	43	3	146	296	10	9.13	0.03	<0.01
303.00	304.00	2688	99	33	41	2	590	243	10	11.4	0.10	<0.01
304.00	305.00	2451	83	31	32	2	760	367	<1	14.5	0.06	<0.01

Drillers'	Blocks	Recovery	Recovery	Geology	Petrology	Structure	Core	Assays	Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt
							305.00	306.00	214	39	23	17	1	123	119	2	4.67	<0.01	<0.01
							306.00	307.00	582	62	30	26	1	396	126	<1	6.03	<0.01	<0.01
							307.00	308.00	142	61	28	44	1	668	315	4	9.37	0.05	<0.01
							308.00	308.60	104	82	35	44	2	656	405	3	10.3	0.05	<0.01
							308.60	310.00	38	30	34	16	<1	<25	44	<1	0.89	<0.01	<0.01
							310.00	311.00	22	12	36	11	<1	<25	19	<1	0.05	<0.01	<0.01
							311.00	312.00	51	35	41	18	<1	<25	23	<1	0.04	<0.01	<0.01
							312.00	313.00	49	25	34	7	<1	<25	14	<1	0.04	<0.01	<0.01
							313.00	314.00	11	27	35	9	<1	<25	19	<1	0.03	<0.01	<0.01

Duplicates

		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
		AAS	AAS	AAS	AAS	AAS	AAS			Leco	50 gm FA	50 gm FA
		10	10	10	10	1	50			0.01%	0.01 ppm	0.01 ppm
152.00	153.60	9	32	28	24	<1	<25	12	2		<0.01	<0.01
174.55	175.90	63	59	40	90	1	<25	41	7		<0.01	<0.01
199.00	200.48	4	44	25	29	1	<25	24	7		<0.01	<0.01
200.48	201.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01
219.00	220.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01
224.00	225.00	2640	106	61	28	1	188	201	<1	n/a	n/a	n/a
240.00	241.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.02	<0.01
248.00	249.00	373	31	29	18	<1	<25	50	<1	n/a	n/a	n/a
250.00	251.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.03	<0.01
270.00	271.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.03	<0.01
271.00	272.00	9383	66	45	48	2	84	77	8	n/a	n/a	n/a
292.00	292.80	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.05	<0.01
294.00	295.00	2014	93	71	30	1	347	313	16	n/a	n/a	n/a
313.00	314.00	9	22	39	15	<1	<25	16	<1	n/a	n/a	n/a

Stellar Resources Ltd

Alpine Prospect

Diamond drill hole AP013

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	mag sus
64	65	140
65	66	170
66	67	140
67	68	120
68	69	70
69	70	130
70	71	120
71	72	160
72	73	160
73	74	180
74	75	180
75	76	180
76	77	170
77	78	180
78	79	170
79	80	180
80	81	190
81	82	150
82	83	210
83	84	200
84	85	170
85	86	140
86	87	190
87	88	200
88	89	170
89	90	180
90	91	200
91	92	210
92	93	170
93	94	100
94	95	230
95	96	230
96	97	240
97	98	250
98	99	230
99	100	160
100	101	190
101	102	200
102	103	180
103	104	100
104	105	200
105	106	190
106	107	190
107	108	190
108	109	180
109	110	160
110	111	180
111	112	170
112	113	180
113	114	170
114	115	160
115	116	170
116	117	170
117	118	180
118	119	150

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	mag sus
119	120	160
120	121	170
121	122	120
122	123	180
123	124	190
124	125	150
125	126	150
126	127	160
127	128	140
128	129	130
129	130	180
130	131	140
131	132	200
132	133	200
133	134	180
134	135	170
135	136	180
136	137	130
137	138	140
138	139	120
139	140	120
140	141	130
141	142	100
142	143	180
143	144	130
144	145	70
145	146	190
146	147	170
147	148	180
148	149	170
149	150	130
150	151	130
151	152	190
152	153	150
153	154	170
154	155	160
155	156	200
156	157	180
157	158	160
158	159	180
159	160	190
160	161	190
161	162	170
162	163	180
163	164	150
164	165	200
165	166	190
166	167	200
167	168	200
168	169	190
169	170	180
170	171	180
171	172	190
172	173	210
173	174	180
174	175	160
175	176	230
176	177	190
177	178	200

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	mag sus
178	179	210
179	180	130
180	181	210
181	182	190
182	183	200
183	184	170
184	185	140
185	186	120
186	187	190
187	188	210
188	189	210
189	190	200
190	191	210
191	192	200
192	193	210
193	194	210
194	195	230
195	196	160
196	197	80
197	198	200
198	199	190
199	200	180
200	201	200
201	202	160
202	203	200
203	204	190
204	205	170
205	206	210
206	207	230
207	208	200
208	209	250
209	210	180
210	211	150
211	212	200
212	213	230
213	214	190
214	215	200
215	216	200
216	217	150
217	218	210
218	219	230
219	220	10410
220	221	210
221	222	3680
222	223	140
223	224	50
224	225	260
225	226	200
226	227	280
227	228	200
228	229	330
229	230	260
230	231	370
231	232	220
232	233	220
233	234	180
234	235	220
235	236	240
236	237	200

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	mag sus
237	238	190
238	239	180
239	240	220
240	241	200
241	242	200
242	243	190
243	244	240
244	245	220
245	246	200
246	247	190
247	248	180
248	249	190
249	250	200
250	251	200
251	252	200
252	253	410
253	254	220
254	255	170
255	256	230
256	257	220
257	258	70
258	259	2560
259	260	160
260	261	190
261	262	55900
262	263	180
263	264	230
264	265	250
265	266	250
266	267	270
267	268	190
268	269	250
269	270	180
270	271	210
271	272	230
272	273	300
273	274	200
274	275	230
275	276	190
276	277	400
277	278	240
278	279	260
279	280	23300
280	281	3500
281	282	2820
282	283	8500
283	284	1830
284	285	7160
285	286	69500
286	287	67000
287	288	83000
288	289	63600
289	290	26000
290	291	27800
291	292	86500
292	293	270
293	294	1150
294	295	1800
295	296	35500

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	mag sus
296	297	109900
297	298	250
298	299	200
299	300	240
300	301	230
301	302	40000
302	303	84600
303	304	6830
304	305	250
305	306	210
306	307	270
307	308	210
308	309	200
309	310	220
310	311	250
311	312	220
312	313	200
313	314	230
314	315	240
315	316	250
316	317	260
317	318	260
318	319	240
319	320	220
320	321	250
321	322	290
322	323	250
323	324	260
324	325	180
325	326	180
326	327	200
327	328	190
328	329	170
329	330	190
330	331	190
331	332	210
332	333	190
333	334	180
334	335	160
335	336	230
336	337	180
337	338	170
338	339	210
339	340	160
340	341	160
341	342	170
342	343	150
343	344	150
344	345	120
345	346	120
346	347	150
347	348	150
348	349	130
349	350	150
350	351	110
351	352	120
352	353	140
353	EOH	

Stellar Resources Ltd
Alpine Prospect

Diamond drill hole AP013
Surveys

Depth (m)	Azimuth Magnetic	Dip
50	101	-90
100	184	-90
150	136	-87
200	141	-87
250	161	-86
300	165	-87
350	192	-87

DRILL LOG AP014

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole **AP014**

Collar coordinates: GPS MGA Zone 55 (GDA94) 341 140mE 5 376 626mN
RL: (msl+2000) 2173 m
Length: 284.1 m
Azimuth: 337^0 Grid
Dip: -60^0
Drilled: 2007, Boart Longyear
Drill: Triple tube HQ/NQ
Logged: Nic Turner, March, 2007

Drillers'	Blocks	Recovery	Recovery	Geology			Structure		Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
From (m)	To (m)	(m)	%	From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
0	3.1	0.29	9	0.00	30.80	Very strongly weathered phyllite with remnants of moderately weathered, pale					AAS	AAS	AAS	AAS	AAS	AAS			Leco	50 gm FA	50 gm FA	Method
3.1	6.4	0.76	23			olive mica-quartz phyllite increasing down hole. Brown organics at 0-3 m; minor	18.0	0			10	10	10	10	1	50			0.01%	0.01 ppm	0.01 ppm	Sensitivity
6.4	6.9	0	0			pale orange limonite at 3-12.9 m; cream and white clay common after 12.9.			96.00	97.00	251	86	1074	46	1	204	43	2	6.28	<0.01	<0.01	
6.9	8.4	0.85	57	30.8	32.4	Core lost.			97.00	98.00	101	55	152	25	1	61	25	<1	0.85	<0.01	<0.01	
8.4	?	0.9	?	32.4	36.6	Possible fault - dark grey to black pug with fragments (up to 15 mm) of milky			98.00	99.00	211	159	557	39	2	296	66	4	8.01	<0.01	<0.01	
?	11.4	1.4	?			quartz and black, graphitic, muscovite phyllite. Locally pyritic.			99.00	100.00	427	667	6558	32	3	435	74	1	24.7	0.04	<0.01	
11.4	12.9	1.51	101	36.6	39.9	Very weathered, clayey. Mostly after pale olive, mica phyllite. 300 mm of breccia	37.4	MF 30	100.00	101.00	652	1615	17300	35	7	507	104	2	30.0	0.06	<0.01	
12.9	14.4	1.09	73			after 36.6 m; 350 mm of intrduced contamination after 38.4 m			101.00	102.00	258	206	1057	29	2	156	49	1	8.53	<0.01	<0.01	
14.4	15.9	1.4	93	39.9	44.4	Strong weathering persists to 41.8 m, then diminishes to weak weathering at			102.00	103.00	49	96	427	45	2	<25	24	<1	0.87	<0.01	<0.01	
15.9	17.4	1.42	95			45.9 m. The lithologies comprise interbanded black, muscovite-quartz phyllite			103.00	104.00	69	224	429	35	1	46	23	<1	0.73	<0.01	<0.01	
17.4	18.9	1.35	90			and pale grey, schistose, muscovitic quartzite. Thin (1-5 mm), mica-rich and			104.00	105.00	392	481	6908	35	3	196	69	2	11.5	0.03	<0.01	
18.9	20.4	1.25	83			quartz -rich laminae due to metamorphic differentiation define the main foliation.			105.00	106.00	80	170	515	27	<1	<25	21	9	0.37	<0.01	<0.01	
20.4	21.9	1.3	87			Thicker compositional banding of up to several tens of centimetres represents			106.00	107.00	778	2836	21900	39	4	216	64	2	12.7	0.02	<0.01	
21.9	23.4	1.25	83			bedding. Chevron folds are locally developed in the main foliation.			107.00	108.00	375	1687	9465	39	3	216	60	<1	12.2	0.03	<0.01	
23.4	24.9	1.3	87	44.4	48.4	Mainly black, muscovite-quartz phyllite. Substantial fine grained carbonate in the			108.00	109.00	209	156	377	38	1	119	30	1	1.63	<0.01	<0.01	
24.9	26.4	1.33	89			phyllite, also in minor interbanded schistose quartzite. Scattered, thin, cross cut-			109.00	110.00	392	523	3836	32	2	32	81	<1	8.45	<0.01	<0.01	
26.4	27.9	1.08	72			ting veinlets of cream and white carbonate, and quartz.																
27.9	29.4	0.49	33	48.4	96	Interbanded dark grey to black, graphitic, muscovite-quartz phyllite and medium			134.00	135.00	708	1568	19800	47	4	1110	102	<1	21.8	0.05	<0.01	
29.4	30.8	0.4	29			to pale grey, schistose micaceous quartzite. At about 60 m the mica begins to	50	MF 60	135.00	136.00	309	180	1684	66	1	311	22	<1	6.13	<0.01	<0.01	
30.8	32.4	0	0			show pale green tints suggesting the presence of intergrown metamorphic	60	MF 70	136.00	137.00	209	193	1329	33	1	129	16	<1	5.23	<0.01	<0.01	
32.4	33.9	0.4	27			chlorite. Minor carbonate throughout, mostly in more quartzose lithologies.	70	MF 65	137.00	138.00	169	137	1554	26	1	112	13	<1	2.88	<0.01	<0.01	
33.9	35.4	0	0			Sparse cross cutting quartz-carbonate veinlets. Minor pyrite throughout. A	80	MF 60	138.00	139.00	647	201	1063	40	2	296	61	<1	8.45	0.03	<0.01	
35.4	36.1	0.8	114			little dark green chlorite in veins at 88.8-90.1 m.	89	MF 35	139.00	140.00	854	445	5597	46	1	258	38	<1	6.92	0.71	<0.01	
36.1	36.3	0.2	100	96	110.2	Similar rocks, but with scattered ragged bands of massive pyrite sub-parallel to			140.00	141.00	136	168	921	30	<1	<25	25	<1	2.36	<0.01	<0.01	
36.3	36.8	0.2	40			the main foliation. Pyrite bands are present at 96-96.5 m, 98.75-101.3 m	100	MF 45	141.00	142.00	504	95	1021	37	1	118	24	<1	5.46	<0.01	<0.01	
36.8	38	0.92	77			(multiple, clearly cross cut the main foliation), 104-104.5 (multiple), 106.8-107.2	110	MF 40	142.00	143.00	579	143	108	76	1	577	47	<1	11.6	2.26	<0.01	
38	38.4	0.4	100			(cross cutting), 107.25-107.35 and 109.8-110. A few quartz-chlorite-white carbonate			143.00	144.00	278	93	283	48	1	234	29	5	3.16	<0.01	<0.01	
38.4	39.9	0.55	48			veins are present, parallel to the main foliation.			144.00	145.00	659	118	767	56	1	269	40	7	4.28	<0.01	<0.01	
39.9	41.4	0.47	31	110.2	143.3	Similar interbanded muscovite-quartz phyllite and schistose micaceous			145.00	146.00	86	70	59	78	<1	261	0	1	0.27	<0.01	<0.01	
41.4	42.9	1.4	93			quartzite. The mica is mainly medium to pale grey muscovite with minor tints of	120	MF 50	146.00	147.00	141	64	51	26	<1	205	20	7	0.48	<0.01	<0.01	
42.9	44.4	1.3	87			green (?intergrown chlorite). Carbonate is disseminated throughout and also			147.00	148.00	74	78	53	4	<1	168	6	4	0.13	<0.01	<0.01	
44.4	45.9	1.31	87			occurs in cross cutting quartz-carbonate-chlorite-pyrite veins. Veins are more	130	MF 55	148.00	149.00	69	95	93	28	1	139	16	4	0.21	<0.01	<0.01	
45.9	47.4	1.32	88			common after 110 m. There are massive pyrite bands at 134.2-134.6 m (single,			149.00	150.00	568	84	47	35	1	411	84	2	5.64	0.03	<0.01	
47.4	48.9	1.49	99			cross cutting band), 135.7-136.1 m (multiple, stringy), 137.45-137.65 m (stringy)	140	MF 70	150.00	151.00	94	102	106	19	1	86	22	<1	0.09	<0.01	<0.01	
48.9	50.4	1.38	92			138.3-138.7 m (multiple, cross cutting), 139.3-140 m (multiple, thin), 141.67-			151.00	152.00	973	112	116	23	1	93	55	5	1.33	<0.01	<0.01	
50.4	51.9	1.48	99			143.3 m (mutiple).			152.00	153.00	1346	81	101	26	1	154	103	<1	2.79	0.02	<0.01	
51.9	52.4	1.33	87	143.3	149.7	Very fine grained, quartz-rich intervals interbanded with intervals of fine grained,			153.00	153.60	1362	94	125	17	1	243	52	<1	1.24	<0.01	<0.01	
52.4	54.9	1.5	100			dark greenish grey chlorite-feldspar schist with minor carbonate and quartz.			153.60	155.00	82	89	110	28	1	213	5	2	0.53	<0.01	<0.01	
54.9	56.4	1.52	101			The bands range 5-250 mm in thickness and are parallel to the main foliation.			155.00	156.00	137	77	75	18	<1	199	44	<1	0.83	0.02	<0.01	
56.4	57.9	1.47	98			Thin, cross cutting quartz and carbonate veinlets occur throughout, but			156.00	157.30	1676	123	115	15	2	262	91	<1	2.43	0.02	<0.01	
57.9	59.4	1.49	99			comprise less than 1% by volume of the rock. First positive identification of			157.30	158.00	5906	199	79	24	3	62	337	3	10.8	<0.01	<0.01	
59.4	60.9	1.41	94			chalcopyrite at 149.73 m, in a cross cutting carbonate veinlet.			158.00	159.00	7671	187	113	251	3	457	482	6	12.2	0.02	<0.01	
60.9	62.4	1.44	96	149.7	153.9	Dark green chlorite-feldspar-quartz schist with weak differentiation of chlorite	150	MF 65	159.00	159.85	6765	208	87	24	3	123	441	2	16.0	0.03	<0.01	
62.4	63.9	1.43	95			and felsic minerals in places. Feldspar porphyroblastic in places. Minor			159.85	161.25	1198	128	244	21	2	297	109	<1	1.93	0.02	<0.01	
63.9	65.4	1.5	100			pyrite throughout and a few blebs of chalcopyrite in cross cutting quartz-			161.25	162.00	4953	209	93	73	4	260	401	<1	9.17	0.02	<0.01	
65.4	66.9	1.53	102			carbonate veinlets.			162.00	163.00	6455	219	81	26	4	219	349	2	8.87	<0.01	<0.01	
66.9	68.4	1.45	97	153.9	156.5	Similar 143.3-149.87 m. A few bands contain black, graphitic stringers. About			163.00	163.75	9869	214	79	31	4	217	288	<1	8.18	<0.01	<0.01	
68.4	69.9	2.34	156			3% of cross cutting veinlets.			163.75	165.00	8908	223	75	26	4	277	394	<1	10.8	<0.01	<0.01	
69.9	71.4	1.52	101	156.5	157.3	Altered interval with massive, medium green silicification and very pale brown			165.00	166.00	8432	211	79	31	4	218	269	<1	6.57	<0.01	<0.01	
71.4	72.9	1.55	103			carbonate. Early, boudinaged quartz-carbonate veins present as well as late,			166.00	167.00	4516	208	73	19	4	263	411	<1	10.7	<0.01	<0.01	

Drillers'	Blocks	Recovery	Recovery	Geology			Structure		Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
72.9	74.4	1.5	100			cross cutting quartz-carbonate veinlets. Pyrite and chalcopyrite present.			167.00	168.00	4303	226	80	25	4	181	379	<1	10.5	<0.01	<0.01	
74.4	75.9	1.48	99	157.3	159.85	Thinly banded (0.5-5 mm) magnetite-pyrite-quartz-minor chlorite-white and pale			168.00	169.00	6904	224	69	24	4	253	422	4	12.2	<0.01	<0.01	
75.9	77.4	1.53	102			brown carbonate. Chalcopyrite is present in the body of the rock and in cross			169.00	170.00	8504	216	67	20	4	212	256	<1	6.40	<0.01	<0.01	
77.4	78.9	1.5	100			cutting veinlets. Hematite is present in later, cross cutting fractures.			170.00	171.00	11400	194	88	24	4	326	317	<1	9.28	<0.01	<0.01	
78.9	80.4	1.5	100	159.85	161.25	Similar 143.3-149.87 m ie interbanded dark green, chlorite-feldspar-quartz schist	160	MF 45	171.00	171.76	1466	151	164	171	3	79	111	7	1.35	<0.01	<0.01	
80.4	81.9	1.54	103			and very fine grained, massive, quartz-rich (?silicified) material. Negligible cross			171.76	173.10	6735	201	78	24	4	130	406	<1	12.5	<0.01	<0.01	
81.9	83.4	1.49	99			cutting veinlets.			173.10	174.00	3407	117	143	0	2	161	79	4	2.32	<0.01	<0.01	
83.4	84.9	1.54	103	161.25	171	Banded magnetite-pyrite-carbonate similar to 157.3-159.85 m. Minor chalco-			174.00	174.55	1252	115	137	14	1	119	95	2	2.60	<0.01	<0.01	
84.9	86.4	1.37	91			pyrite in some bands. Very few cross cutting veinlets.	170	MF 50	174.55	175.90	933	78	78	4	<1	36	30	<1	0.66	<0.01	<0.01	
86.4	87.9	1.59	106	171	171.76	Granular schist of dark green chlorite, feldspar, minor quartz and tiny, white laths			175.90	177.00	7131	178	84	31	3	307	424	2	15.1	0.03	<0.01	
87.9	89.4	1.49	99			of ?leucoxene. Thin bands of pyrite-magnetite-chlorite are present.			177.00	178.00	6414	199	63	19	4	139	313	<1	9.60	0.02	<0.01	
89.4	90.9	1.5	100	171.76	173.1	Thinly banded magnetite-pyrite-quartz-minor chlorite-carbonate similar to			178.00	179.00	8533	189	63	39	3	76	418	<1	20.4	<0.01	<0.01	
90.9	92.4	1.47	98			157.3-159.85 m. Late, massive pyrite near the bottom of the interval contains			179.00	180.00	7216	197	76	22	4	153	400	1	14.2	<0.01	<0.01	
92.4	93.9	1.5	100			disrupted blocks of the banded material.			180.00	181.15	4601	212	196	20	3	228	323	<1	11.2	0.03	<0.01	
93.9	95.4	1.47	98	173.1	176	Thinly banded (1-10 mm), very fine grained quartz (?silicification), cream carbonate			181.15	182.00	1259	88	56	14	1	254	103	<1	2.56	0.02	<0.01	
95.4	96.9	1.4	93			and pyrite with transitional, transgressive boundaries against remnant patches			182.00	183.00	1195	73	49	23	1	151	57	<1	2.95	0.02	<0.01	
96.9	98.4	1.54	103			of dark green chlorite-feldspar-quartz schist.			183.00	184.00	247	76	73	14	1	180	33	1	1.73	<0.01	<0.01	
98.4	99.9	1.55	103	176	181.15	Banded magnetite-pyrite-carbonate-quartz-trace chalcopyrite similar to 157.3-			184.00	185.00	155	125	144	24	1	94	34	<1	3.18	<0.01	<0.01	
99.9	101.4	1.5	100			159.85 m, but with considerable disruption of the banded material to form			185.00	186.00	223	92	78	16	1	<25	31	<1	2.08	<0.01	<0.01	
101.4	102.9	?1.5	?100			brecciated intervals with late, massive pyrite forming the matrix. There is an			186.00	187.00	63	67	53	1	<1	<25	7	<1	0.19	<0.01	<0.01	
102.9	104.4	1.5	100			interval of dark green chlorite-feldspar schist with pyrite and chalcopyrite at	180	MF 70	187.00	188.00	291	88	140	<1	1	<25	13	<1	0.18	<0.01	<0.01	
104.4	105.9	1.47	98			180.75-181 m.			188.00	189.00	468	67	76	12	1	60	21	<1	0.59	<0.01	<0.01	
105.9	107.4	1.54	103	181.15	197.3	Sharp, unfaulted contact at 181.15 m with a dark grey, massive quartz rock			189.00	190.00	215	75	379	11	1	<25	24	<1	0.70	<0.01	<0.01	
107.4	108.9	1.49	99			(?silicified) that passes rapidly to (at 182.1 m) medium to pale grey, schistose,			190.00	191.00	59	76	101	20	1	123	26	<1	0.85	<0.01	<0.01	
108.9	110.4	1.44	96			micaceous quartzite with a little interbanded black(graphitic) muscovite-quartz			191.00	192.00	29	66	148	10	0	<25	25	<1	0.23	<0.01	<0.01	
110.4	111.9	1.47	98			phyllite. Chalcopyrite uncommon after 182.5 m.	191.4	MF 35	192.00	193.00	43	101	255	25	1	<25	34	<1	0.52	<0.01	<0.01	
111.9	113.4	1.47	98			The drill core becomes very broken after 188.2 m and becomes strongly			193.00	194.00	50	91	723	16	0	<25	23	<1	1.02	<0.01	<0.01	
113.4	114.6	0.94	78			weathered by 191 m. Intervals of clayey pug occur 194-205 m with a maximum at			194.00	195.00	254	93	560	23	1	84	41	<1	1.74	<0.01	<0.01	
114.6	116.2	1.53	96			198.9-202.9 m.			195.00	196.00	649	133	306	45	2	<25	79	4	2.97	<0.01	<0.01	
116.2	117.7	1.51	101	197.3	205	Probably schistose micaceous quartzite with intervals of black phyllite, but			196.00	197.00	382	113	319	36	2	35	54	<1	2.36	<0.01	<0.01	
117.7	119.3	1.49	93			very strongly brecciated and extensively weathered to clay. Locally pyritic.			197.00	198.00	449	89	193	32	1	<25	52	<1	2.38	<0.01	<0.01	
119.3	120.9	1.53	96	205	216.7	Massive and schistose quartzite with minor black phyllite. Strongly brecciated			198.00	199.00	258	103	227	24	1	<25	40	<1	3.02	<0.01	<0.01	
120.9	122.4	1.48	99			and fractured with massive pyrite forming the matrix to the breccia.	210	MF 35	199.00	200.00	213	87	151	20	1	<25	42	<1	3.12	0.02	<0.01	
122.4	123.9	1.5	100			Core very broken to 212.4 m. Minor chalcopyrite at 206.6 m, 210.7 m.			200.00	201.00	121	79	120	23	1	87	30	<1	1.78	<0.01	<0.01	
123.9	125.4	1.43	70	216.7	220.4	Black, graphitic muscovite-quartz phyllite. Locally brecciated. Minor chalco-			201.00	202.00	276	106	123	39	5	78	58	<1	6.37	<0.01	<0.01	
125.4	126.9	1.54	103			pyrite at 220 m. Intervals of broken core to 220.2 m.			202.00	203.00	316	120	134	45	23	33	62	3	6.57	<0.01	<0.01	
126.9	128.4	1.53	102	220.4	277.8	Black, graphitic muscovite-quartz phyllite with disseminated, coarse (up to	220.5	MF 50	203.00	204.00	775	192	74	79	3	122	91	<1	16.8	0.02	<0.01	
128.4	129.9	1.45	97			7 mm) pyrite crystals. The pyrite crystals are deformed and the main foliation is	231	MF 35	204.00	205.00	73	61	93	23	1	<25	32	<1	1.41	<0.01	<0.01	
129.9	131.4	1.39	93			deflected by them. Cross cutting carbonate veins are common 231.6-250 m,	240	MF 15	205.00	206.00	455	128	60	27	2	123	79	<1	7.35	<0.01	<0.01	
131.4	132.9	1.5	100			but sparse elsewhere. One observation of chalcopyrite - at 294 m in a cross cut-	250	MF 10	206.00	207.00	2725	129	50	63	3	983	174	1	14.5	0.07	<0.01	
132.9	134.4	1.49	99			ting fracture.	260	MF 35	207.00	208.00	2545	121	113	21	2	36	200	<1	7.65	0.02	<0.01	
134.4	135.3	0.82	91	277.8	284.1	Medium and pale grey, schistose, micaceous quartzite with minor interbands	270	MF 45	208.00	209.00	447	67	65	13	1	<25	51	<1	2.46	<0.01	<0.01	
135.3	137.4	2.05	98			of black phyllite. Several cross cutting carbonate-quartz veinlets are present,	280	MF 35	209.00	210.00	280	66	72	22	1	<25	41	<1	1.95	<0.01	<0.01	
137.4	140.4	2.7	90			and a small patch of fuchsite.			210.00	211.00	3563	156	86	23	3	167	140	<1	5.61	0.04	<0.01	
140.4	143.4	2.9	97			The last core block is 284.1 m. About 0.15 m of core similar to 277.8-284.1 m			211.00	212.00	2570	183	50	31	3	659	83	2	9.14	0.06	<0.01	
143.4	146.4	2.79	93			follows the block.			212.00	213.00	402	121	176	19	3	121	45	<1	1.58	<0.01	<0.01	
146.4	149.4	2.97	99	284.1		EOH			213.00	214.00	171	156	71	20	3	37	61	<1	1.03	0.02	<0.01	
149.4	152.4	3	100						214.00	215.00	23	116	102	30	2	<25	51	<1	1.82	<0.01	<0.01	
152.4	153.7	1.43	110			Structural symbols: MF main foliation			215.00	216.30	31	134	55	17	2	<25	46	<1	1.86	<0.01	<0.01	
153.7	154	0.25	83						216.30	217.00	24	124	44	33	2	<25	23	<1	1.60	<0.01	<0.01	
154	155.4	1.26	90						217.00	218.00	32	113	28	45	2	<25	17	<1	1.79	<0.01	<0.01	
155.4	158.4	3.09	103						218.00	219.00	179	112	71	26	2	<25	21	<1	1.51	<0.01	<0.01	
158.4	159.4	1	100						219.00	220.40	367	144	47	56	2	<25	37	<1	2.95	<0.01	<0.01	
159.4	159.6	0.12	60						220.40	221.00	230	73	29	7	1	111	9	<1	1.39	<0.01	<0.01	
159.6	161.4	1.65	92						221.00	222.00	84	91	37	21	1	<25	31	1	2.81	<0.01	<0.01	
161.4	164.4	3.1	103						222.00	223.00	114	94	50	27	2	<25	33	<1	1.90	<0.01	<0.01	
164.4	167.4	2.97	99						223.00	224.00	108	78	34	21	1	<25	16	<1	1.72	<0.01	<0.01	
167.4	170.4	2.89	96						224.00	225.00	504	85	38	41	2	<25	28	<1	2.28	<0.01	<0.01	
170.4	173.4	3	100						225.00	226.00	571	62	31	28	2	<25	19	<1	2.11	<0.01	<0.01	
173.4	176.4	2.94	98						226.00	227.00	226	99	44	33	2	<25	26	<1	1.88	<0.01	<0.01	
176.4	179.4	2.86	95																			
Change HQ to NQ																						
179.4	180.7	1.09	84																			
180.7	182.4	1.55	91																			

Drillers'	Blocks	Recovery	Recovery	Geology	Structure
182.4	185.4	2.71	90		
185.4	188.4	1.95	65		
188.4	191.4	0.98	33		
191.4	194.4	1.15	38		
194.4	196.3	1.02	54		
196.3	197.3	0.64	64		
197.3	198.9	0.9	44		
198.9	200	0.8	73		
200	201.2	0.25	21		
201.2	201.9	0.5	71		
201.9	202.9	0.5	50		
202.9	203.8	0.58	96		
203.8	203.9	0.05	50		
203.9	205	0.65	59		
205	205.6	0.6	100		
205.6	206.1	0.1	20		
206.1	207.3	0.86	72		
207.3	208.1	0.55	69		
208.1	208.2	0.03	30		
208.2	209.4	0.81	68		
209.4	210.3	0.75	83		
210.3	212.4	1.7	81		
212.4	215.4	1.98	66		
215.4	216.7	1	77		
216.7	218.4	1.41	83		
218.4	220.2	1.48	82		
220.2	221.4	0.99	83		
221.4	224.4	2.91	97		
224.4	227.1	2.37	88		
227.1	228.7	1.43	89		
228.7	229.5	0.4	50		
229.5	232.6	2.87	93		
232.6	235.8	2.9	91		
235.8	238.9	1.85	60		
238.9	242.1	3.52	110		
242.1	244.3	2	91		
244.3	245.4	1.02	85		
245.4	248.4	2.2	73		
248.4	250.5	1.93	92		
250.5	253.4	2.43	84		
253.4	255.6	1.9	86		
255.6	257.1	1	67		
257.1	258.5	1.2	86		
258.5	261.5	1.75	58		
261.5	262.3	0.4	50		
262.3	263.4	0.73	50		
263.4	264.5	0.25	23		
264.5	265.4	0.54	60		
265.4	265.9	0.45	90		
265.9	266.9	1	100		
266.9	269.1	1.15	52		
269.1	271.2	0.75	36		
271.2	272.4	1.2	100		
272.4	275.4	2.73	91		
275.4	277.4	1.35	68		
277.4	279.8	1.3	52		
279.8	281.4	1.5	94		
281.4	284.1	2.5	93		
284.1		EOH			

Core Assays Duplicates

Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
From (m)	To (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
		AAS	AAS	AAS	AAS	AAS	AAS			Leco	50 gm FA	50 gm FA	Method
		10	10	10	10	1	50			0.01%	0.01 ppm	0.01 ppm	Sensitivity
96.00	97.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01	
109.00	110.00	89	531	3838	36	2	86	86	<1	n/a	n/a	n/a	
134.00	135.00										0.04	<0.01	
152.00	153.00										0.02	<0.01	
156.00	157.30	1685	131	111	10	2	140	100	<1				
174.00	174.55										0.02	<0.01	
179.00	180.00	6901	200	73	22	4	200	375	5				
196.00	197.00										0.02	<0.01	
202.00	203.00	317	123	128	44	25	36	60	3				
218.00	219.00										<0.01	<0.01	
226.00	227.00	233	69	52	26	2	<25	26	<1				

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole A0P14

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
41	42	260
42	43	220
43	44	210
44	45	200
45	46	230
46	47	190
47	48	270
48	49	220
49	50	240
50	51	270
51	52	270
52	53	230
53	54	280
54	55	190
55	56	180
56	57	280
57	58	250
58	59	280
59	60	280
60	61	270
61	62	270
62	63	270
63	64	230
64	65	300
65	66	240
66	67	220
67	68	250
68	69	280
69	70	220
70	71	250
71	72	270
72	73	310
73	74	300
74	75	190
75	76	260
76	77	280
77	78	230
78	79	220
79	80	250
80	81	200
81	82	220
82	83	270
83	84	270
84	85	250
85	86	210
86	87	170
87	88	210
88	89	250

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
89	90	240
90	91	230
91	92	240
92	93	200
93	94	260
94	95	270
95	96	170
96	97	180
97	98	160
98	99	160
99	100	200
100	101	250
101	102	230
102	103	180
103	104	180
104	105	140
105	106	220
106	107	260
107	108	200
108	109	250
109	110	150
110	111	190
111	112	190
112	113	230
113	114	260
114	115	270
115	116	270
116	117	250
117	118	220
118	119	250
119	120	200
120	121	200
121	122	170
122	123	170
123	124	140
124	125	150
125	126	190
126	127	170
127	128	170
128	129	330
129	130	250
130	131	340
131	132	290
132	133	250
133	134	180
134	135	210
135	136	150
136	137	190
137	138	210
138	139	140
139	140	240
140	141	240

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
141	142	90
142	143	150
143	144	190
144	145	220
145	146	230
146	147	180
147	148	140
148	149	170
149	150	190
150	151	230
151	152	270
152	153	210
153	154	230
154	155	190
155	156	220
156	157	240
157	158	24000
158	159	21500
159	160	33800
160	161	250
161	162	42700
162	163	71000
163	164	108000
164	165	121000
165	166	78400
166	167	58400
167	168	85300
168	169	123000
169	170	130000
170	171	56500
171	172	660
172	173	72600
173	174	260
174	175	250
175	176	220
176	177	3720
177	178	25400
178	179	61000
179	180	400
180	181	29000
181	182	220
182	183	180
183	184	240
184	185	240
185	186	190
186	187	230
187	188	130
188	189	140
189	190	180
190	191	150
191	192	150
192	193	140

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
193	194	120
194	195	170
195	196	140
196	197	140
197	198	140
198	199	170
199	200	170
200	201	180
201	202	110
202	203	120
203	204	110
204	205	90
205	206	190
206	207	190
207	208	130
208	209	130
209	210	170
210	211	140
211	212	140
212	213	150
213	214	140
214	215	180
215	216	200
216	217	110
217	218	120
218	219	140
219	220	130
220	221	110
221	222	120
222	223	160
223	224	170
224	225	170
225	226	170
226	227	150
227	228	110
228	229	190
229	230	120
230	231	200
231	232	180
232	233	200
233	234	160
234	235	230
235	236	160
236	237	200
237	238	220
238	239	180
239	240	190
240	241	190
241	242	200
242	243	210
243	244	170
244	245	160

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
245	246	170
246	247	180
247	248	180
248	249	140
249	250	140
250	251	320
251	252	210
252	253	210
253	254	210
254	255	180
255	256	170
256	257	150
257	258	110
258	259	80
259	260	150
260	261	110
262	263	70
263	264	70
264	265	110
265	266	120
266	267	110
267	268	110
268	269	60
269	270	80
270	271	80
271	272	60
272	273	130
273	274	100
274	275	60
275	276	40
276	277	90
277	278	100
278	279	60
279	280	100
280	281	80
281	282	70
282	283	30
283	284	50
284		EOH

Stellar Resources Ltd
Alpine Prospect

Diamond drill hole AP014
Surveys

Depth (m)	Azimuth Magnetic	Dip
50	177	-62
100	202	-61
150	6	-61
200	331	-60
250	330	-60

DRILL LOG AP015

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole **AP015**

Collar coordinates: GPS MGA Zone 55 (GDA94) 341 497mE/5 376 717mN
RL: (msl+2000) 2185 m
Length: 272.3 m
Azimuth: 337^0 Grid
Dip: -60^0
Drilled: 2007, Boart Longyear
Drill: Triple tube HQ/NQ
Logged: Nic Turner, April, 2007

Drillers'	Blocks	Recovery	Recovery	Geology			Structure	
From (m)	To (m)	(m)	%	From (m)	To (m)	Description	Depth (m)	Alpha^0
0	0.8	0	0	0.00	0.80	No recovery.		
0.8	2.3	0.27	18	0.8	2.3	Very well rounded pebbles and cobbles of milky quartz and minor quartzite.		
2.3	3.8	0.35	23	2.3	10.95	Greenish brown clay with relict granular texture after Tertiary basalt.		
3.8	6.8	1.27	42	10.95	27.02	Alternating weakly and moderately weathered Tertiary basalt with strong weathering		
6.8	8.3	0.82	55			at 11.3-12.1 m. Basalt textures include massive and even grained (dominant), amyg-		
8.3	9.8	1.31	87			dular, brecciated and, near the base, devitrified.		
9.8	11.3	1.48	99	27.02	33.95	Greenish brown to brown, coarse grained quartz sand that contains minor clay and		
11.3	12.8	1.5	100			organics. Also contains extremely well rounded and polished quartz granules.		
12.8	14.3	0.93	62	33.95	68	Pale grey, schistose, muscovitic quartzite that displays strong metamorphic		
14.3	16.8	1.37	55			differentiation of quartz and muscovite into 0.5-5 mm laminae. These laminae are	40	MF 20
16.8	18.3	0.92	61			parallel to the main foliation and to bedding, which is defined by scattered layers of		
18.3	21.3	2.53	84			dark grey, graphitic, muscovite-quartz phyllite. Muscovite is of pale olive colour in	48.8	MF 20
21.3	22.2	1.18	131			the intervals 44.4-44.8 m, 50.7-51.3 m, 53.5-53.9 m, probably reflecting alteration.	48.8	B 20
22.2	22.8	0.58	97			Minor carbonate is disseminated in the quartzite and there are widespread, sparse,		
22.8	24.3	0.88	59			thin, cross cutting, carbonate-quartz veinlets. Earlier, boudinaged and isoclinally	60	MF10
24.3	25.8	1.54	103			folded quartz veins occur parallel to the main foliation.		
25.8	27.3	1.57	105	68	70.8	Very broken core of vein quartz and black phyllite. Minor clay present.	70.5	MF 5
27.3	28.8	0	0	70.8	153.6	Dark grey, graphitic, muscovite-quartz phyllite with minor interbeds of black phyllite	80	MF 15
28.8	30.3	1.5	100			and pale grey, schistose quartzite. Disseminated pyrite is widespread and includes	80	LF 15
30.3	31.8	1.34	89			coarse (up to 6 mm), pre-foliation crystals at 146.1-153.6 m. Bedding is	89.3	MF 0
31.8	33.3	1.5	100			generally parallel to the main foliation, to metamorphic differentiation laminae, and	100	MF 45
33.3	34.4	1.1	100			to boudinaged and isoclinally folded quartz veins. A late, relatively weak foliation is	100	B 45
34.4	35.7	1.2	92			associated with chevron folds in the main foliation at 101.7 m. Carbonate and pyrite	110	LF 10
35.7	37.8	0.9	43			occur in sparse, cross cutting veinlets. Intervals of late, brittle breccia occur at	120	MF 0
37.8	40.4	1.57	60			88.75-89.3 m, 89.9-90.3 m, 93.3-93.45 m, 121.6-121.9 m and 135-138.5 m.	130	MF 5
40.4	41.5	0.2	18	153.6	163.1	Pale and medium grey, schistose, muscovitic quartzite with scattered, thin interbeds	140	MF 10
Rod count 40.5 m. Change PQ to HQ.						dark grey, graphitic, muscovite-quartz phyllite. Less than 1% of fine grained dissem-	150	MF 5
41.5	42.4	0.18	20			inated pyrite.	160	MF 12
42.4	43.6	1.09	91	163.1	164.5	Very broken, puggy core of dark grey phyllite. Includes 0.1 m of massive pyrite.		
43.6	45.1	1.6	107	164.5	174.6	Phyllite with minor schistose quartzite. The phyllite is dark grey to 167.5 m, alternating		
45.1	46.1	1.2	120			black and pale olive at 167.5-168.5 m, then pale olive to 174.6 m. There are scattered	170	MF 15
46.1	48.8	0.24	9			cross cutting quartz and quartz-carbonate veinlets throughout.		
48.8	50.3	0	0	174.6	192.76	Mainly schistose quartzite with pale olive muscovite and a few short intervals of dark		
50.3	51.5	1.52	127			grey, graphitic muscovite, then pervasive grey muscovite at 187.25-192.76 m. Minor	182	MF 15
51.5	53.3	1.59	88			cross cutting veinlets.	190	MF 20
53.3	54.5	0.98	82	192.76	197.7	Mainly dark grey phyllite with a little schistose quartzite.		
54.5	56.1	1.47	92	197.7	203.5	Black phyllite with disseminated, coarse grained (up to 7 mm), euhedral pyrite grains	200	MF 45
56.1	57.2	1.2	109			that predate the main foliation. Minor cross cutting veinlets.		
57.2	58.7	1.51	101	203.5	232.2	Pale and medium grey, schistose, muscovitic quartzite with scattered, thin beds of	210	MF 25
58.7	60.4	1.55	91			dark grey, graphitic, muscovite-quartz phyllite. Minor carbonate in the quartzite and		
60.4	61.9	1.6	107			in cross cutting, quartz-carbonate veinlets. Minor pyrite throughout and as common,		
61.9	63.4	1.55	103			stringy, massive veins at 207-208.4 m.		
63.4	65	1.55	97	232.2	235	Medium to dark grey phyllite. Minor pyrite. Coherent breccia at 234.3-235.3 m.		
65	66.5	1.55	103	235	241	Schistose muscovitic quartzite with a few blebs and thin bands of pyrite. Coherent		
66.5	68	1.25	83			breccia 238.2-238.6 m. Intense quartz-carbonate veining with minor pyrite at 238.2-	241	MF 25
68	69	0.53	53			241 m.		
69	69.8	0.29	36	241	246.6	Grey phyllite.		
69.8	70.8	0.32	32	246.6	272.3	Schistose muscovitic quartzite with scattered, very thin beds of dark grey phyllite.		
70.8	72.4	1.5	94			Minor disseminated pyrite throughout. Minor disseminated carbonate in the	250	MF 20
72.4	73.4	0.91	91			quartzite with a strongly leached interval of very broken core at 247.7-248.4 m. The	260	MF 55

Drillers'	Blocks	Recovery	Recovery	Geology			Structure	
73.4	74	0.87	145			mica displays greenish tints after 261 m, probably due to intergrown metamorphic	270	MF 60
74	76.6	1.47	57			chlorite.		
76.6	78.2	1.41	88	272.3		EOH		
78.2	79.8	1.5	94					
79.8	81.2	1.3	93					
81.2	82.8	1.5	94					
82.8	83.7	1.04	116					
83.7	86.3	2.46	95					
86.3	87.8	1.5	100					
87.8	89.1	1.1	85					
89.1	89.7	0.53	88					
89.7	90.5	0.7	88					
90.5	92.1	1.6	100					
92.1	93.7	1.5	94					
93.7	95.3	0.9	56					
95.3	96.7	1.3	93					
96.7	98.2	1.57	105					
98.2	99.7	1.6	107					
99.7	101.3	1.66	104					
101.3	102.8	1.43	95					
102.8	104.3	1.54	103					
104.3	105.8	1.4	93					
105.8	107.3	1.6	107					
107.3	108.8	1.4	93					
108.8	110.3	1.57	105					
110.3	111.8	1.43	95					
111.8	114.8	3.08	103					
114.8	116.3	1.55	103					
116.3	119.3	3.04	101					
119.3	120.8	1.33	89					
120.8	122.3	1.5	100					
122.3	123.8	1.5	100					
123.8	125.3	2.53	169					
125.3	126.8	1.6	107					
126.8	128.3	1.5	100					
128.3	129.8	1.4	93					
129.8	131.3	1.43	95					
131.3	132.8	1.56	104					
132.8	134.3	1.5	100					
134.3	135.8	1.5	100					
135.8	137.3	1.5	100					
137.3	138.5	1.2	100					
138.5	140.2	1.45	49					
140.2	141.7	1.5	100					
141.7	143	1.15	88					
143	144.6	1.48	93					
144.6	146.1	1.46	97					
146.1	147.5	1.5	107					
147.5	149.1	1.5	103					
149.1	150.5	1.44	103					
150.5	152.1	1.5	94					
152.1	153.6	1.5	100					
153.6	155.2	1.5	94					
155.2	156.8	1.55	97					
156.8	158.2	1.61	101					
158.2	159.8	1.55	97					
159.8	161.3	1.55	103					
161.3	162.8	1.54	103					
162.8	163.8	0.84	84					
163.8	?	0.12	?					
Change HQ to NQ								
?	164.5	0.04	?					
164.5	165.7	1.1	92					
165.7	166.8	0.95	86					

Structural symbols: MF main foliation, LF late foliation, B bedding

Drillers'	Blocks	Recovery	Recovery	Geology	Structure
166.8	168.5	1.5	88		
168.5	171.5	3	100		
171.5	174.6	3.02	97		
174.6	176.3	4.83	284		
176.3	182.3	3.04	51		
182.3	185.3	2.9	97		
185.3	188.3	2.95	98		
188.3	191.3	3.03	101		
191.3	194.3	3.04	101		
194.3	197.3	3.08	103		
197.3	199	0.8	47		
199	199.8	0.53	66		
199.8	201.4	0.9	56		
201.4	203.3	0.66	35		
203.3	204.5	1.07	89		
204.5	210.7	9	145		
210.7	216.8	3	49		
216.8	219.8	3	100		
219.8	222.9	3	97		
222.9	226	2.85	92		
226	229.1	3.08	99		
229.1	232.2	3.01	100		
232.2	235.3	3.02	100		
235.3	238.4	3.06	99		
238.4	241.5	3.1	100		
241.5	244.6	3.1	100		
244.6	245.6	0.9	90		
245.6	247.7	1.92	91		
247.7	249.6	1.65	87		
249.6	249.9	0.15	50		
249.9	?249.9?	1.51	?		
?249.9?	250.6	0.38	?		
250.6	254.6	1.7	57		
Rod count 248.3 m.					
248.3	251.3	2.87	96		
251.3	254.3	2.99	100		
254.3	257.3	3.08	103		
257.3	260.3	3.03	101		
260.3	263.3	3	100		
263.3	266.3	2.87	96		
266.3	269.3	3.1	103		
269.3	272.3	2.98	99		
272.3		EOH			

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole AP015

Magnetic Susceptibility

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
34	35	272
35	36	205
36	37	179
37	38	270
38	39	270
39	40	160
40	41	240
41	42	220
42	43	260
43	44	270
44	45	280
45	46	260
46	47	core loss
47	48	core loss
48	49	core loss
49	50	core loss
50	51	250
51	52	260
52	53	240
53	54	260
54	55	250
55	56	240
56	57	170
57	58	270
58	59	250
59	60	270
60	61	240
61	62	240
62	63	230
63	64	190
64	65	220
65	66	200
66	67	230
67	68	230
68	69	220
69	70	190
70	71	220
71	72	200
72	73	180
73	74	230
74	75	210
75	76	150
76	77	230
77	78	230

Magnetic Susceptibility

78	79	260
79	80	240
80	81	240
81	82	190
82	83	230
83	84	210
84	85	230
85	86	240
86	87	190
87	88	230
88	89	290
89	90	290
90	91	250
91	92	250
92	93	260
93	94	270
94	95	90
95	96	230
96	97	230
97	98	130
98	99	220
99	100	270
100	101	200
101	102	230
102	103	210
103	104	190
104	105	180
105	106	170
106	107	200
107	108	190
108	109	200
109	110	170
110	111	210
111	112	200
112	113	170
113	114	230
114	115	230
115	116	250
116	117	240
117	118	230
118	119	300
119	120	270
120	121	260
121	122	180
122	123	170
123	124	200
124	125	240
125	126	240
126	127	260
127	128	200
128	129	170

Magnetic Susceptibility

129	130	220
130	131	200
131	132	220
132	133	130
133	134	150
134	135	240
135	136	180
136	137	190
137	138	140
138	139	230
139	140	230
140	141	320
141	142	290
142	143	210
143	144	310
144	145	290
145	146	180
146	147	140
147	148	330
148	149	190
149	150	180
150	151	260
151	152	250
152	153	280
153	154	260
154	155	180
155	156	200
156	157	120
157	158	230
158	159	220
159	160	250
160	161	250
161	162	220
162	163	220
163	164	250
164	165	110
165	166	230
166	167	330
167	168	310
168	169	310
169	170	180
170	171	210
171	172	110
172	173	180
173	174	250
174	175	250
175	176	190
176	177	200
177	178	170
178	179	200
179	180	210

Magnetic Susceptibility

180	181	200
181	182	200
182	183	210
183	184	210
184	185	180
185	186	190
186	187	200
187	188	170
188	189	160
189	190	220
190	191	220
191	192	210
192	193	180
193	194	230
194	195	230
195	196	140
196	197	270
197	198	290
198	199	310
199	200	240
200	201	300
201	202	340
202	203	230
203	204	230
204	205	190
205	206	180
206	207	240
207	208	210
208	209	280
209	210	210
210	211	160
211	212	210
212	213	200
213	214	170
214	215	170
215	216	180
216	217	180
217	218	190
218	219	180
219	220	140
220	221	130
221	222	150
222	223	140
223	224	270
224	225	200
225	226	120
226	227	180
227	228	180
228	229	190
229	230	210
230	231	200

Magnetic Susceptibility

231	232	190
232	233	180
233	234	190
234	235	190
235	236	180
236	237	140
237	238	200
238	239	200
239	240	220
240	241	230
241	242	230
242	243	230
243	244	220
244	245	220
245	246	220
246	247	220
247	248	250
248	249	250
249	250	270
250	251	250
251	252	280
252	253	broken
253	254	broken
254	255	broken
Rod count 248.3 m.		
248	249	260
249	250	270
250	251	180
251	252	170
252	253	150
253	254	140
254	255	170
255	256	180
256	257	180
257	258	180
258	259	190
259	260	190
260	261	210
261	262	210
262	263	200
263	264	210
264	265	220
265	266	200
266	267	230
267	268	230
268	269	250
269	270	140
270	271	220
271	272	300
272.3		EOH

Stellar Resources Ltd

Alpine Prospect

Diamond drill hole AP015

Surveys

Depth (m)	Azimuth Magnetic	Dip
50	173	-62
100	162	-62
150	151	-62
200	323	-62
250	320	-63

DRILL LOG AP016

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole **AP016**

Collar coordinates: GPS MGA Zone 55 (GDA94) 341 264mE 5 376 637mN
RL: (msl+2000) 2172 m
Length: 205 m
Azimuth: 337^0 Grid
Dip: -60^0
Drilled: 2007, Boart Longyear
Drill: Triple tube HQ/NQ
Logged: Nic Turner, April/May, 2007

Drillers'	Blocks	Recovery	Recovery	Geology			Structure		Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
From (m)	To (m)	(m)	%	From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
0	1	0	0	0.00	2.50	Core lost					AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	Leco	50 gm FA	50 gm FA	Method
1	2.5	0	0	2.5	4	Pale grey clay with relict granular texture. After Tertiary basalt.					10	10	10	10	1	50	5	10	0.01%	0.01 ppm	0.01 ppm	Sensitivity
2.5	4	0.54	36	4	8.4	Coarse grained sand with very well rounded, polished, quartz granules. Orange with			48	49	331	1447	13300	32	5	218	35	6	12.2	0.02	<0.01	
4	5.5	0.6	40			limonite/goethite seams to 7.7 m, then medium grey.			49	50	801	1153	2603	38	9	315	41	6	23.5	0.02	<0.01	
5.5	7	0.24	16	8.4	24.5	Muscovite-quartz phyllite and minor schistose, muscovitic quartzite. Very strongly			50	51	782	962	1928	35	8	266	38	3	16.5	0.03	<0.01	
7	8.5	1.2	80			weathered 8.4-19 m, moderately weathered 19-24.5 m. Intervals with pale olive musco-			51	52	1011	483	2211	47	6	590	94	3	32.1	0.07	<0.01	
8.5	10	1	67			vite at 14.5-16.13 m, 18.85-19 m, 22-24.5 m.			52	53	360	138	3173	28	2	164	38	3	7.57	0.01	<0.01	
10	11.5	0	0	24.5	25.67	Brecciated vein material comprising milky quartz, white carbonate and tarnished	21	MF 0														
11.5	13	0.16	11			sulphide. All contained in a matrix of black, graphitic, muscovite-quartz pelite.			64	65	106	72	539	34	<1	86	17	2	1.41	<0.01	<0.01	
13	14.5	0.47	31	25.67	30.3	Weakly weathered, dark grey, graphitic muscovite-quartz phyllite with a few thin, pale			65	66	743	488	27300	50	4	283	77	3	20.5	0.02	<0.01	
14.5	16	0.6	40			grey, schistose, muscovitic quartzite bands. Minor carbonate and pyrite throughout.	30	MF 45	66	67	266	65	364	34	1	228	32	2	3.84	<0.01	<0.01	
16	17.5	1.2	80			Friable in places due to leaching of carbonate.			67	68	56	55	214	29	<1	141	24	2	1.04	<0.01	<0.01	
17.5	19	0.76	51	30.3	37.8	Pale grey to pale olive, schistose muscovitic quartzite. Abundant calcite-quartz vein-			68	69	38	52	132	52	<1	90	19	1	0.37	<0.01	<0.01	
19	20.5	0.35	23			lets at 34.8-37.8 m. Massive pyrite bands up to 40 mm thick at 36.5-36.8 m.			69	70	170	53	178	33	<1	134	35	5	0.98	<0.01	<0.01	
20.5	22	0.62	41	37.8	44.25	Similar to 25.67-30.3 m. Calcite-quartz veinlets common with minor dark green	40	MF 25	70	71	204	212	763	26	1	90	26	2	1.10	<0.01	<0.01	
22	23.5	1.44	96			chlorite in the veinlets at 43.5-44.25 m. Minor pyrite throughout.			71	72	976	238	337	38	2	165	73	3	5.69	<0.01	<0.01	
23.5	24.5	0.38	38	44.25	61.4	Pale grey, thinly bedded, schistose, muscovitic quartzite with scattered bands of dark			72	73	2492	135	63	33	2	178	234	8	13.1	0.01	<0.01	
24.5	25	0.53	106			grey phyllite up to 120 mm thick. The compositional layering is generally parallel to the	50	MF 35	73	74	3227	85	53	18	1	92	246	1	11.6	<0.01	<0.01	
25	26.5	1.26	84			main foliation and to the 1-5 mm metamorphic banding of quartz and muscovite that			74	75	3614	101	42	20	2	98	304	1	14.3	<0.01	<0.01	
26.5	28	1.53	102			is associated with the main foliation. Several massive pyrite bands occur at 48-52.1 m.	60	MF 20	75	76	3776	97	46	19	2	81	334	2	15.3	<0.01	<0.01	
28	29.5	1.48	99			Around 54.5 m the main foliation cuts the compositional banding at a high angle.			76	77	10300	79	75	28	1	90	279	3	11.6	<0.01	<0.01	
29.5	30.8	1.2	92	61.4	72.1	Mainly relatively massive, interbanded, dark grey, fine grained rocks and pale grey			77	78	3315	77	104	18	1	122	247	4	12.6	<0.01	<0.01	
30.8	32.4	1.47	92			quartz-rich rocks. The massive rocks are probably altered, and after metasedimentary			78	79	10500	92	90	27	2	95	379	5	16.7	<0.01	<0.01	
32.4	33.7	1.17	90			protoliths. Grey phyllite is present near 61.4 m. There are massive pyrite bands at			79	80	8850	80	40	17	1	73	224	10	11.7	<0.01	<0.01	
33.7	35.2	1.35	90			65.3-65.7 m, but pyrite is minor elsewhere. Shearing and ?talcose alteration occur at			80	81	4352	109	115	26	2	112	211	6	11.3	<0.01	<0.01	
35.2	36.8	1.5	94			69.4-70.7 m, followed by graphitic cataclasite at 70.7-71.4 m. The first recognised	70	MF 10	81	82	4019	101	132	25	2	121	200	8	11.0	0.01	<0.01	
36.8	38.3	1.45	97			occurrence of chalcopyrite is at 72.05 m in a thin (2 mm) carbonate-quartz veinlet.			82	83	10800	97	44	16	1	128	217	12	11.0	<0.01	<0.01	
38.3	39.3	0.9	90			Veinlets with pale brown carbonate, white carbonate and quartz are common			83	84	5395	84	53	19	1	90	200	5	9.85	<0.01	<0.01	
39.3	40	0.75	107			throughout the interval 61.4-72.1 m.			84	85	8815	95	85	20	2	70	302	4	13.4	<0.01	<0.01	
40	41.5	1.3	87	72.1	80.3	There is a sharp contact at 72.1 m against massive pyrite-carbonate-quartz, followed			85	86	9314	76	69	16	1	89	229	3	12.0	<0.01	<0.01	
41.5	42.7	1	83			by a transition through banded quartz-carbonate-pyrite-magnetite with magnetite	73	MF 35	86	87	8144	79	116	20	1	90	282	3	14.4	<0.01	<0.01	
42.7	43.8	1	91			increasing to another sharp contact at 72.7 m. The magnetite is brecciated and forms			87	88	2940	82	142	20	1	204	155	2	7.13	<0.01	<0.01	
43.8	45.1	1	77			a crude, stringy, planar alignment with massive pyrite forming the matrix. After 72.7 m			88	89	989	61	72	34	1	274	92	3	4.10	<0.01	<0.01	
45.1	46	0.86	96			the magnetite content is greater and the brecciated character persists with blocks			89	90	100	62	121	27	<1	98	28	3	1.01	<0.01	<0.01	
46	47.3	1.15	88			of magnetite and banded magnetite-carbonate-quartz-red hematite contained in a	77	MF45	90	91	122	72	583	42	1	66	31	3	3.21	<0.01	<0.01	
47.3	48	0.63	90			matrix of massive pyrite. A little chalcopyrite occurs as strings of fine grains parallel																
48	49	0.87	87			to the banding, but is more prominent in thin (up to 3 mm), cross cutting veinlets.			156	157	51	56	94	36	1	148	22	4	1.52	<0.01	<0.01	
49	50.5	1.48	99			Dark green chlorite is prominent in the interval 75.9-78.43 m, which includes a block			157	158	186	76	207	31	1	114	24	3	5.57	<0.01	<0.01	
50.5	52	1.39	93			at 76.85 m that comprises remnant, coarse grained amphibole in a finer grained matrix			158	159	95	60	65	30	1	130	24	4	2.07	<0.01	<0.01	
52	53.1	0.9	82			of chlorite (?mafic metaigneous). Chalcopyrite appears to be more common in the			159	160	804	135	41	40	1	93	51	5	11.5	<0.01	<0.01	
53.1	54.2	0.68	62			chloritic interval.			160	161	341	59	149	32	1	96	36	3	3.18	<0.01	<0.01	
54.2	55.7	0.9	60	80.3	81.8	Cross cutting breccia of mainly angular pyrite fragments in an abundant matrix of			161	162	214	55	32	31	1	92	43	5	2.74	<0.01	<0.01	
55.7	57.2	1	67			white carbonate.			162	163	557	54	58	28	<1	82	78	5	3.93	<0.01	<0.01	
57.2	58.1	0.75	83	81.8	87.4	Banded magnetite-pyrite-carbonate-quartz rocks, but with massive pyrite becoming			163	164	1082	69	64	33	1	49	69	6	2.64	<0.01	<0.01	
58.1	59.5	1.08	77			dominant downhole. Chalcopyrite occurs in fractures.	84	MF 40	164	165	3582	75	37	28	1	94	77	4	3.18	<0.01	<0.01	
59.5	61	1.3	87	87.4	87.65	Very broken core exhibiting strong weathering to clay. Possibly a fault.			165	166	4826	79	49	33	2	172	125	4	7.98	<0.01	<0.01	
61	62.5	0.81	54	87.65	89	Well bedded quartzite with low muscovite content and weak metamorphic banding			166	167	3712	108	122	34	3	173	236	6	16.9	0.05	<0.01	
62.5	63.9	0.9	64			parallel to bedding.			167	168	5141	68	35	39	1	237	144	6	11.8	0.07	<0.01	
63.9	65.5	1.36	85	89	94.4	Mainly dark grey and medium grey, graphitic, muscovite-quartz phyllite.	91	MF 45	168	169	732	43	24	34	<1	77	43	7	1.82	0.01	<0.01	
65.5	67	1.15	77	94.4	128	Medium to pale grey, schistose muscovitic quartzite with a few thin intervals of	100	MF 50	169	170	263	59	20	44	<1	58	35	5	1.65	<0.01	<0.01	

Drillers'	Blocks	Recovery	Recovery	Geology			Structure		Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
67	67.8	0.74	93			graphitic phyllite.	110	MF 60	170	171	411	69	39	35	<1	140	33	4	1.39	0.01	<0.01	
67.8	68.4	0.56	93	128	135.5	The rocks become a little coarser grained and are texturally transitional to fine	120	MF 60	171	172	114	55	19	34	<1	130	32	5	3.13	<0.01	<0.01	
68.4	69.4	0.8	80			grained schist. They take on a greenish tint that suggests the presence of inter-	130	MF 65	172	173	963	46	22	49	<1	153	47	5	2.61	0.03	<0.01	
69.4	70.7	1.05	59			grown, pale green, metamorphic chlorite. Porphyroblastic feldspar is present in			173	174	2316	117	26	34	2	688	273	7	27.8	0.01	<0.01	
70.7	72.7	1.2	60			places. Ragged bands of pyrite up to 200 mm across are common.			174	175	5483	54	12	23	1	264	110	4	7.36	0.02	<0.01	
72.7	73	0.93	310	135.5	136.1	Clayey pug. Possibly a fault.			175	176	2794	73	40	33	1	240	103	4	5.28	0.03	<0.01	
73	74.5	1.39	93	136.1	155.9	Dark grey to black, fine grained mica-feldspar-quartz schist with strong metamorphic	140	MF 70	176	177	3047	66	30	27	1	199	79	3	4.16	0.02	<0.01	
74.5	76	1.51	101			differentiation parallel to the main foliation and to relatively quartz-rich and mica-	150	MF 45	177	178	1976	61	69	29	1	212	50	4	3.23	0.02	<0.01	
76	77.5	1.36	91			rich intervals that represent bedding. Tints of pale green in the mica. Pyrite common			178	179	3280	58	101	27	1	210	55	4	3.19	0.02	<0.01	
77.5	79	1.61	107			at 144.6-145.3 m.			179	180	2936	74	147	26	1	223	72	4	4.47	0.03	<0.01	
79	80.5	1.44	96	155.9	162.9	Interbanded black, graphitic schist and granular quartz-feldspar-mica schist with black			180	181	1455	87	137	40	1	401	154	5	9.67	0.04	<0.01	
80.5	82	1.47	98			and pale grey muscovite as well as pale green chlorite. Disseminated pyrite common			181	182	3026	77	304	32	1	225	86	3	4.10	0.04	<0.01	
82	83.5	1.3	87			as is pyrite in veinlets. Breccia and clayey pug at 157.4-157.8 m. Reappearance of trace	160	MF 25	182	183	2770	76	272	29	1	250	48	4	2.47	0.03	<0.01	
83.5	85	1.42	95			chalcopyrite at 160 m.			183	184	1292	60	199	30	1	296	38	6	1.96	0.02	<0.01	
85	85.8	0.47	59	162.9	181.2	Fine grained schist consisting of pale, granular quartz, feldspar, minor pale grey			184	185	2969	64	168	38	1	429	65	4	4.40	0.05	<0.01	
85.8	85.9	0.08	80			and greenish mica and minor cream carbonate. The protolith of this schist is unclear.	171	MF 40	185	186	204	72	244	41	1	229	34	4	2.42	0.02	<0.01	
85.9	86	0.09	90			It may be quartzite, but the mica content is much lower than in the schistose, musco-			186	187	4176	112	494	73	2	959	210	6	13.6	0.01	<0.01	
86	87.6	1.08	68			vitic quartzite that occurs elsewhere and the strong metamorphic differentiation is			187	188	2468	158	345	37	2	224	89	5	6.55	0.07	<0.01	
87.6	89.2	1	63			absent. Felsic schist or schistose altered rock are possible alternatives.			188	189	2145	132	159	24	2	134	144	5	8.80	0.01	<0.01	
89.2	90.4	0.96	80			Disseminated pyrite is present throughout. Pyrite also forms massive bands	180	MF 30	189	190	4615	119	93	28	2	149	205	7	11.0	0.01	<0.01	
90.4	91	0.75	125			in the intervals 165.7-167.6 m and 173.2-174.5 m. Trace chalcopyrite is widespread.			190	191	3670	116	78	25	2	134	247	6	13.0	0.01	<0.01	
91	92.8	0.77	43	181.2	184.7	Similar to 162.9-181.2 m, but brecciated. Some intervals clayey due to weathering.			191	192	6554	110	81	23	2	114	228	6	11.6	0.02	<0.01	
92.8	93.3	1.09	218	184.7	188.4	Partly brecciated, graphitic phyllite and a little pyritic breccia	187.4	F 15	192	193	3417	112	97	24	3	248	233	5	11.1	0.04	<0.01	
93.3	94	0.78	111	188.4	201.5	Pale grey and cream, massive, fine grained, quartz-feldspar rocks with very little mica.			193	194	3638	133	116	29	3	204	216	5	10.5	0.02	<0.01	
94	95.6	1.52	95			Protolith unclear (?altered). Abundant pyrite forms strong banding and magnetite	190	MF 40	194	195	5182	128	66	29	3	230	311	4	14.7	0.03	<0.01	
95.6	?	0.62	?			bands are present at 192.1-192.7 m and 198-199.6 m. The rocks are highly fractured and			195	196	4215	96	59	24	2	90	134	4	6.43	0.02	<0.01	
Change HQ to NQ - no block			58			the fractures may contain pyrite, a black powdery mineral (?chalcocite), or a little chalco-	200	MF 55	196	197	4429	86	47	21	1	88	142	5	6.35	0.01	<0.01	
?	98.4	1	?			pyrite. Cavities after leached carbonate are common at 188.4-194.4 m, but are minor			197	198	13500	128	64	34	3	116	424	6	19.5	<0.01	<0.01	
98.4	100.1	0.48	28			after 194.4 m.			198	199	4563	92	58	24	2	92	259	7	8.33	<0.01	<0.01	
100.1	101.4	1.04	80	201.5	205	Similar to 188.4-201.5 m, but with about 60 % by volume of banded, granular, feldspar-	204	MF 60	199	200	4343	104	58	30	2	102	256	7	12.3	<0.01	<0.01	
101.4	103.4	1.17	59			chlorite schist (?mafic metaigneous). Minor pyrite and trace chalcopyrite are present.			200	201	4729	107	37	36	2	101	317	14	14.2	<0.01	<0.01	
103.4	104.3	0.57	63			Minor carbonate occurs in fractures and veinlets.			201	202	2274	216	37	34	3	244	185	11	16.5	<0.01	<0.01	
104.3	107.4	0.25	63	205		EOH			202	203	2583	133	59	26	2	189	180	34	7.53	<0.01	<0.01	
107.4	108.4	0.6	60						203	204	2095	94	58	25	2	136	101	15	6.52	<0.01	<0.01	
108.4	109.7	0.48	37			Structural symbols: MF main foliation, F fault			204	205	2334	93	52	32	2	190	148	13	4.70	<0.01	<0.01	
109.7	110.2	0.35	70																			
110.2	111.6	1.06	76																			
111.6	112.2	0.51	85																			
112.2	113.2	0.5	50																			
113.2	114.6	0.6	59																			
114.6	116.4	0.14	7																			
116.4	118.4	0.09	5																			
118.4	119.3	0.2	22																			
119.3	120.6	0.1	8																			
120.6	122.4	1.26	70																			
122.4	124.9	0.68	27																			
124.9	127.2	0.38	17																			
127.2	127.7	0.37	74																			
127.7	128.4	0.64	91																			
128.4	130.9	2.05	82																			
130.9	131.9	0.85	85																			
131.9	133	0.77	70																			
133	134	0.3	30																			
134	134.2	0	0																			
134.2	135.1	0.57	63																			
135.1	136.1	0.47	47																			
136.1	137.2	1.07	97																			
137.2	137.9	0.4	57																			
137.9	138.6	0.16	23																			
138.6	139.7	1.07	97																			
139.7	140.4	0.46	66																			
140.4	142.9	0.6	24																			
142.9	143.2	0.4	133																			
143.2	143.9	0.45	64																			

Duplicates

Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
From (m)	To (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
		AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	Leco	50 gm FA	50 gm FA	Method
		10	10	10	10	1	50	5	10	0.01%	0.01 ppm	0.01 ppm	Sensitivity
49	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<0.01	<0.01	
81	82	4132	101	132	26	2	91	198	8	n/a	<0.01	<0.01	
166	167	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.05	<0.01	
169	170	257	54	17	43	<1	47	36	6	n/a	n/a	n/a	
187	188	2414	154	350	37	2	285	92	5	n/a	0.07	<0.01	
204	205	2315	93	54	33	2	193	145	13	n/a	n/a	n/a	

Drillers'	Blocks	Recovery	Recovery	Geology	Structure	Core Assays	Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
143.9	144.4	0.23	46															
144.4	145.3	0.76	84															
145.3	146.5	1.06	88															
146.5	147	0.53	106															
147	147.7	0.4	57															
147.7	148.5	0.7	88															
148.5	149.2	0.47	67															
149.2	149.8	0.6	100															
149.8	151.2	1.1	79															
151.2	152	0.66	83															
152	152.5	0.47	94															
152.5	153.1	0.45	75															
153.1	155.4	1.87	81															
155.4	155.9	0.08	16															
155.9	156.9	0.62	62															
156.9	157.8	0.68	76															
157.8	158.4	0.54	90															
158.4	159.2	0.4	50															
159.2	160.8	1.46	91															
160.8	161.4	0.6	100															
161.4	162.7	0.97	75															
162.7	163.4	0.67	96															
163.4	164.4	0.23	23															
164.4	165.5	0.3	27															
165.5	166	0.4	80															
166	166.7	0.3	43															
166.7	167.3	0.06	10															
167.3	167.9	0.4	67															
167.9	168.6	0.5	71															
168.6	169.3	0.2	29															
169.3	170.4	0.35	39															
170.4	170.9	0.13	26															
170.9	171.8	0.73	81															
171.8	172.1	0.15	50															
172.1	173	0.2	22															
173	173.8	0.68	85															
173.8	175	0.35	29															
175	176.4	0.5	36															
176.4	177.5	0.74	67															
177.5	178.9	1.07	76															
178.9	180	0.77	70															
180	180.2	0.15	75															
180.2	180.6	0.37	93															
180.6	181.2	0.25	42															
181.2	182.4	0.4	33															
182.4	182.9	0.12	24															
182.9	183.7	0.78	98															
183.7	184.3	0.43	72															
184.3	184.7	0.27	68															
184.7	187	1.99	87															
187	188.4	1.3	93															
188.4	189.8	1.04	74															
189.8	190.7	0.44	49															
190.7	191.3	0.48	80															
191.3	192.1	0.73	91															
192.1	193.8	1.6	94															
193.8	194.4	0.27	45															
194.4	196.6	2.1	95															
196.6	198.2	1.2	75															
198.2	200.4	2.33	106															
200.4	202.1	1.12	66															
202.1	203.1	1.36	136															
203.1	205	1	53															
205		EOH																

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole A0P16

Magnetic Susceptibility (SI X 10-5)

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
30	31	190
31	32	210
32	33	160
33	34	140
34	35	150
35	36	250
36	37	160
37	38	230
38	39	250
39	40	260
40	41	280
41	42	260
42	43	190
43	44	260
44	45	240
45	46	216
46	47	200
47	48	250
48	49	200
49	50	380
50	51	350
50	52	400
52	53	370
53	54	330
54	55	350
55	56	320
56	57	340
57	58	300
58	59	330
59	60	270
60	61	140
61	62	180
62	63	230
63	64	200
64	65	210
65	66	270
66	67	190
67	68	240
68	69	350
69	70	320
70	71	340
71	72	350
72	73	10500
73	74	97400
74	75	48800
75	76	67700
76	77	9450
77	78	25500
78	79	46100
79	80	2370
80	81	640

Magnetic Susceptibility (SI X 10-5)

From	To	Mag.Sus.
81	82	560
82	83	2470
83	84	71300
84	85	15800
85	86	550
86	87	502
87	88	840
88	89	160
89	90	350
90	91	320
91	92	210
92	93	300
93	94	260
94	95	270
95	96	260
96	97	290
97	98	280
98	99	280
99	100	270
100	101	290
101	102	310
102	103	280
103	104	290
104	105	290
105	106	core lost
106	107	core lost
107	108	310
108	109	300
109	110	310
110	111	180
111	112	160
112	113	210
113	114	140
114	115	120
115	116	core lost
116	117	core lost
117	118	core lost
118	119	110
119	120	core lost
120	121	170
121	122	170
122	123	190
123	124	150
124	125	core lost
125	126	core lost
126	127	core lost
127	128	200
128	129	300
129	130	310
130	131	260
131	132	230
132	133	140
133	134	170
134	135	150
135	136	148
136	137	190
137	138	170

Magnetic Susceptibility (SI X 10-5)

From	To	Mag.Sus.
138	139	170
139	140	180
140	141	130
141	142	190
142	143	190
143	144	190
144	145	220
145	146	190
146	147	170
147	148	220
148	149	190
149	150	190
150	151	170
151	152	340
152	153	330
153	154	300
154	155	220
155	156	220
156	157	230
157	158	210
158	159	270
159	160	260
160	161	260
161	162	180
162	163	220
163	164	200
164	165	180
165	166	190
166	167	200
167	168	150
168	169	170
169	170	170
170	171	180
171	172	180
172	173	180
173	174	210
174	175	190
175	176	250
176	177	260
177	178	240
178	179	260
179	180	250
180	181	220
181	182	280
182	183	320
183	184	330
184	185	too soft
185	186	too soft
186	187	too soft
187	188	too soft
188	189	190
189	190	20
190	191	310
191	192	340
192	193	1920
193	194	410
194	195	350

Magnetic Susceptibility (SI X 10-5)

From	To	Mag.Sus.
195	196	520
196	197	340
197	198	320
198	199	870
199	200	300
200	201	530
201	202	330
202	203	270
203	204	170
204	205	220
205		EOH

Stellar Resources Ltd

Alpine Prospect

Diamond drill hole AP016
Surveys

Depth (m)	Azimuth Magnetic	Dip
50	324	-61
100	324	-62
150	331	-62
200	330	-63

DRILL LOG AP017

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole **AP017**

Collar coordinates: GPS MGA Zone 55 (GDA94) 341 418mE 5 376 607mN
RL: (msl+2000) 2185 m
Length: 272.4 m
Azimuth: 337^0 Grid
Dip: -60^0
Drilled: 2007, Boart Longyear
Drill: Triple tube HQ/NQ
Logged: Nic Turner, May, 2007

Drillers'	Blocks	Recovery	Recovery	Geology			Structure		Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
From (m)	To (m)	(m)	%	From (m)	To (m)	Description	Depth (m)	Alpha^0	From (m)	To (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
0	0.9	0	0	0	10	Substantial core loss. Intervals of brown clay with rounded quartz pebbles; brown					AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	Leco	50 gm FA	50 gm FA	Method
0.9	2.4	0.3	20			pebbly, clayey sand; and rounded quartz pebbles.					10	10	10	10	1	50	5	10	0.01%	0.01 ppm	0.01 ppm	Sensitivity
2.4	3.9	0	0	10	23.65	Alternating strongly and moderately weathered intervals of Tertiary basalt. Basalt																
3.9	5.4	0	0			textures include amygdular and porphyritic.			210	211	25	41	44	30	<1	66	16	8	0.08	<0.01	<0.01	
5.4	6.9	0	0	23.65	31.4	Brown, coarse grained, quartz sand with very well rounded and polished granules.			211	212	20	58	53	39	<1	66	13	6	0.20	<0.01	<0.01	
6.9	8.4	0.5	33	31.4	41.1	Black, graphitic, muscovite phyllite. Weakly weathered with a little leaching of carbon-	32.5	MF 60	212	213	58	46	64	39	<1	74	18	5	0.49	<0.01	<0.01	
8.4	9.9	0	0			ate. Very minor limonite present. Less than 1% disseminated pyrite. A few cross cutting			213	214	103	46	43	34	<1	86	18	5	1.24	<0.01	<0.01	
9.9	11.4	1.3	87			leached, quartz-carbonate veinlets. Very broken core throughout.	40	MF 15	214	215.4	35	45	102	23	<1	53	16	4	0.62	<0.01	<0.01	
11.4	12.9	1.57	105	41.1	48.7	Pale olive, muscovite phyllite. Scattered leached quartz-carbonate veinlets. Core is			215.4	216	107	56	191	37	1	94	28	5	3.03	<0.01	<0.01	
12.9	13.2	0.4	133			very broken.			216	217	562	61	76	27	1	121	38	5	1.31	<0.01	<0.01	
13.2	14.9	1.4	82	48.7	51.6	Black, graphitic, muscovite phyllite with minor pyrite.	49	MF 30	217	218	1559	56	42	30	1	182	108	5	2.99	<0.01	<0.01	
14.9	15.9	1.07	107	51.6	62.35	Pale olive, muscovite phyllite with a few narrow intervals of black, muscovite phyllite			218	219	785	45	56	19	<1	81	56	4	1.23	<0.01	<0.01	
15.9	17.4	1.3	87			that may have sharp margins parallel to foliation or diffuse, cross cutting margins that			219	220	718	64	78	23	1	45	57	4	1.44	<0.01	<0.01	
17.4	18.9	1.5	100			are indicative of alteration. Weak to moderate weathering is reflected in leaching of	60	MF 25	220	221	146	161	135	27	5	86	30	3	0.89	0.02	<0.01	
18.9	20.4	1.23	82			scattered quartz-carbonate veinlets, and by the presence of clay.			221	222	236	51	49	16	<1	85	26	4	0.20	<0.01	<0.01	
20.4	21.9	1.3	87	63.25	128.3	Graphitic, muscovite-quartz phyllite with minor pyrite. Predominantly black in the inter-	71	MF 30	222	223	1270	56	48	21	1	90	64	5	1.52	<0.01	<0.01	
21.9	23.4	1.42	95			val 62.35-98 m, but predominantly grey in the interval 98-128.3 m. Weak weathering to	79	MF 20	223	224	4226	63	43	21	1	95	150	4	7.22	<0.01	<0.01	
23.4	24.9	1.43	95			around 76 m is reflected by leaching of quartz-carbonate veinlets. Thin pyrite and	82	LF 0	224	225	2312	78	66	28	1	197	211	6	11.2	<0.01	<0.01	
24.9	27.9	1.97	66			pyrite-quartz-dolomite veinlets are scattered throughout the interval 63.5-128.3 m.	90	MF 30	225	226	6768	89	62	27	1	292	338	7	21.0	<0.01	<0.01	
27.9	29.4	1.46	97			There are polished, anastomosing, shear surfaces at 71.6-72.2 m, 109.5-110 m, 113.4-	100	LF 0	226	227	5165	88	95	26	2	175	224	9	12.3	<0.01	<0.01	
29.4	30.9	1.45	97			114.6 m while core is very broken in the interval 62.35-72.4 m, possibly corresponding	110	LF0	227	228	7536	87	66	32	2	146	299	9	15.0	<0.01	<0.01	
30.9	32.4	1.15	77			to a fault.	120	LF 5	228	229	3990	78	73	28	1	109	269	7	11.7	<0.01	<0.01	
32.4	33.9	0.8	53	128.3	138.55	The metamorphic rocks become fractured and disrupted with relatively massive			229	230.12	7786	88	81	24	2	118	317	9	14.6	<0.01	<0.01	
33.9	35.4	1.04	69			breccia occupying the intervals between fractures. The breccia consists mainly of			230.12	231	6620	82	62	30	2	132	282	17	12.7	<0.01	<0.01	
35.4	36.9	0.76	51			0.5-1 mm grains of quartz, carbonate and ?feldspar with several percent of dissem-	130	BA 40	231	232	3387	89	51	30	2	79	264	10	15.7	<0.01	<0.01	
36.9	38.4	0.75	50			inated pyrite. In addition, there is about 10% by volume of coarser, angular to sub-			232	233	2679	100	56	27	2	98	183	9	21.4	<0.01	<0.01	
38.4	39.9	0.55	37			rounded fragments that are mainly of altered appearance. They are very fine grained,			2333	234	4277	75	83	26	1	121	131	9	9.10	0.03	<0.01	
39.9	41.1	0.63	55			massive, and dark grey or cream to olive in colour. Some dark grey fragments are			234	235	3435	81	57	29	1	103	161	6	8.96	<0.01	<0.01	
41.1	42.7	0.59	37			very hard (?silicified) while the cream to olive fragments are soft (?sericitic altera-			235	236	7462	76	55	25	2	78	197	8	11.0	<0.01	<0.01	
42.7	43.7	0.34	34			tion). A few dark grey fragments are relatively soft and retain phyllite texture. The			236	237	3603	89	52	30	2	90	235	9	15.2	<0.01	<0.01	
43.7	45.3	0.48	30			breccia is interpreted as a hydrothermal intrusion breccia. Though the texture is			237	238	2828	85	67	32	1	115	184	8	8.69	<0.01	<0.01	
45.3	46.9	0.84	53			relatively massive, there is good alignment of the coarse fragments in places.			238	239	3849	74	80	30	1	140	159	6	3.76	<0.01	<0.01	
46.9	48.5	0.55	34			The breccia clearly post-dates the main foliation in the phyllite, but it is cut by the			239	240	4146	84	98	29	2	106	147	8	8.01	<0.01	<0.01	
48.5	50.1	1	63			common quartz-carbonate veinlets.			240	241	4444	109	127	27	2	64	204	8	10.2	<0.01	<0.01	
50.1	51.7	0.6	100	138.55	163.5	Mostly breccia, but with intervals of up to 0.7 m of massive, hard and soft, cream and	141.5	BA 40	241	242	4227	87	64	25	2	63	182	5	6.54	<0.01	<0.01	
51.7	53.3	1.02	64			olive, planar banded material. These intervals are interpreted as rafts of altered	149.4	BA 30	242	243	9646	73	84	29	1	86	165	4	8.33	0.04	<0.01	
53.3	54.9	0.75	47			material.	160	BA 20	243	244	9170	93	99	40	2	81	274	5	16.8	0.02	<0.01	
Failed change HQ to NQ				163.5	170	Black, graphitic, muscovite phyllite with several intervals of soft, pale buff, sericitic			244	245	8133	82	121	28	2	48	171	4	9.15	<0.01	<0.01	
54.9	59.5	0.75	16			and dolomitic rock. Scattered patches and veinlets of pyrite throughout.	170	MF 20	245	246	4617	95	123	28	2	66	167	3	8.85	<0.01	<0.01	
59.5	61	1.22	81	170	204	Black, graphitic, muscovite phyllite with disseminated pyrite. Very broken core	180	LF 20	246	246.65	9402	144	93	29	3	92	336	14	21.6	<0.01	<0.01	
61	62.5	1.24	83			throughout, including substantially clayey pug at 195.5-202 m.	190	MF 10	246.65	248	162	59	124	35	<1	72	28	4	3.01	<0.01	<0.01	
62.5	64	0.2	13	204	215.4	Pale grey, muscovite-quartz phyllite with sparsely disseminated, fine grained pyrite.	210	MF 30	248	249	220	73	306	32	1	114	24	6	3.29	<0.01	<0.01	
64	65.5	0.39	26	215.4	218.45	Grey clay with sand of quartz and mica. Probably introduced during drilling. Other-			249	250	136	43	60	27	<1	77	18	4	0.48	<0.01	<0.01	
65.5	65.8	0.23	77			wise, very poor core recovery in this interval.																
65.8	67	0.5	42	Note		There are short intervals of sand following many core blocks in AP017. The sand is																
67	68.5	0.28	19			thought to be cuttings and wash that settled while the rod string was pulled back from																
68.5	69.3	0.4	50			the bottom of the hole.																
69.3	70	0.3	43	218.45	218.9	Breccia of milky vein quartz fragments in a matrix of crushed black phyllite. The first																
70	70.7	0.43	61			chalcopyrite recognised in AP017 occurs as a veinlet at 218.85 m.																
70.7	71.6	0.72	80	218.9	223.83	Siliceous mylonite consisting of very fine grained, milky to pale grey, massive quartz	219	MF 45														

Drillers'	Blocks	Recovery	Recovery	Geology			Structure	
71.6	72.2	0.5	83			with a planar-banded fabric defined by ragged stringers of pyrite, magnetite-hematite		
72.2	72.8	0.5	83			and ?graphite. Locally brecciated at 220.5-223.83 m. A patch of bright red jasper at		
72.8	74.4	1.63	102			221.53 m.		
74.4	75.6	1.1	92	223.83	230.12	Similar to 218.9-223.83 m, but with semi-massive pyrite. Also, there are cross cutting		
75.6	77.2	1.57	98			seams of massive breccia consisting of fragments of the mylonite. Magnetite		
77.2	78.4	1.06	88			bands at 228.25 m and at 229.92-230.12 m. Chacopyrite is common in places as blebs		
78.4	79.5	1.05	95			and in thin veinlets. It is also present in the banded material.	230	MF 25
79.5	80.2	0.45	64	230.12	241.8	Mafic schist consisting of chlorite and feldspar, and with intervals of banded magne-		
80.2	81.1	0.7	78			tite-pyrite-silicate-?carbonate at 230.7-231 m, 234.45-234.65 m, 235.3-235.7 m, 239.9-		
81.1	82	0.84	93			240.7 m and 241-241.8 m. Chalcopyrite is common as blebs and in thin veinlets.	240	MF 20
82	83.5	1.3	87	241.8	243.4	Massive, fine grained meta-basalt with common chalcopyrite veinlets. Core very		
83.5	84.2	0.66	94			broken.		
Change HQ to NQ.				243.4	246.65	Pale grey, cream and dark grey mylonite and semi-massive pyrite. The planar fabric in		
84.2	84.4	0.06	30			the mylonite is due to stringers of pyrite and fine grained dark mineral. At 243.4-		
84.4	85.2	0.55	69			244.5 m there is a disseminated, euhedral, red, magnetic mineral that appears to be		
85.2	85.8	0.4	67			magnetite coated by hematite. Chalcopyrite occurs through the interval in fractures.		
85.8	86.4	0.37	62	246.65	249.9	Medium grey, graphitic, muscovite-quartz phyllite with typical ,strong metamorphic		
86.4	88.8	0.55	23			differentiation of quartz and muscovite parallel to the main foliation. The main		
88.8	90.2	0.25	63			foliation is also parallel to bedding as defined by a few, thin, schistose quartzite		
90.2	91.6	0.6	43			layers. Minor pyrite is present throughout and there are sparse, cross cutting quartz-		
91.6	93.6	1.32	66			carbonate veinlets.		
93.6	95.1	0.7	63	249.9	256.1	Mainly pale grey, schistose, muscovitic quartzite that exhibits strong metamorphic		
95.1	96.5	0.8	57			differentiation. Minor disseminated pyrite is present and there are sparse cross	250	MF 70
96.5	97.1	0.45	75			cutting quartz-carbonate veinlets.		
97.1	98.1	1.17	117	256.1	261.42	Dark grey to black, graphitic, muscovite phyllite. Pyritic and with trace chalcopyrite in		
98.1	100.4	1.2	52			veinlets. Grades down into dark coloured rock that appears to be poor in mica, but	260.5	MF 40
100.4	101.9	1.43	95			which has graphitic stringers.		
101.9	102.7	0.75	94	261.42	272.4	Mica-poor, but with strong planar fabric due to very fine grained, dark grey to black,		
102.7	104.7	1.65	83			graphitic stringers.The stringers diminish down-hole and pale grey and white bands		
104.7	106.9	2.34	106			become more pronounced. Also, pyrite forms parallel, lenticular bands. The rocks	269	MF 50
106.9	110	2.62	85			take on a silicified appearance after 268.94 m. Chalcopyrite is present in veinlets at		
110	111.9	1.5	79			263.65 m and 264.15 m.		
111.9	113.3	1.35	96					
113.3	114.2	0.5	56			Structural symbols: MF main foliation, LF late foliation, BA fragment alignment in breccia.		
114.2	115.1	0.75	83					
115.1	116.3	1.07	89					
116.3	117.9	1.55	97					
117.9	119.4	1.3	87					
119.4	120	0.31	52					
120	121.6	1.1	69					
121.6	122.3	0.62	89					
122.3	123.1	0.5	63					
123.1	124.2	0.75	68					
124.2	125.4	1.05	88					
125.4	126.7	1.05	81					
126.7	127.5	0.54	68					
127.5	128.5	0.85	85					
128.5	131.4	2.28	79					
131.4	132.2	0.56	70					
132.2	134.2	1.3	65					
134.2	135	0.62	78					
135	135.5	0.3	60					
135.5	136.1	0.26	43					
136.1	137	0.4	44					
137	137.7	0.54	77					
137.7	139.2	1.49	99					
139.2	140.4	1.2	100					
140.4	142.1	1.5	88					
142.1	142.8	0.47	28					
142.8	143.5	0.73	104					
143.5	144.8	1.23	95					
144.8	146.4	1.36	85					
146.4	147.8	1.14	81					
147.8	148.6	0.9	113					

Duplicates

Core Assays		Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
From (m)	To (m)	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	Units
		AAS	AAS	AAS	AAS	AAS	AAS	AAS	AAS	Leco	50 gm FA	50 gm FA	Method
		10	10	10	10	1	50	5	10	0.01%	0.01 ppm	0.01 ppm	Sensitivity
220	221	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.02	<0.01	
299	230.12	7785	91	79	28	2	143	305	10	n/a	n/a	n/a	
242	243	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.05	<0.01	
249	250	137	38	61	24	<1	103	20	3	n/a	n/a	n/a	

Drillers'	Blocks	Recovery	Recovery	Geology	Structure	Core Assays	Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
148.6	149.4	0.8	100															
149.4	152.4	2.95	98															
152.4	155.4	2.86	95															
155.4	158.4	2.95	98															
158.4	160.6	2	91															
160.6	163.6	1.93	64															
163.6	164.2	0.4	67															
164.2	166	1.65	92															
166	167	0.8	80															
167	170	3	100															
170	172.1	1.9	90															
172.1	173	0.48	53															
173	173.8	0.28	35															
173.8	174.4	0.25	42															
174.4	174.8	0.32	80															
174.8	175.4	0.47	78															
175.4	175.8	0.34	85															
175.8	177.8	1.5	75															
177.8	178.5	0.37	53															
178.5	179.4	0.64	71															
179.4	180.2	0.65	81															
180.2	180.9	0.25	36															
180.9	182.2	0.7	54															
182.2	183.7	0.71	47															
183.7	185.4	0.34	20															
185.4	188.4	0.44	15															
188.4	189.4	0.32	32															
189.4	191.4	0.5	25															
191.4	194.1	0.2	7															
194.1	195.9	1	56															
195.9	196.6	0.24	34															
196.6	197.7	0.38	35															
197.7	199	0.3	23															
199	199.8	0.72	90															
199.8	200.2	0.26	65															
200.2	201.5	0.28	22															
201.5	202.3	0.5	63															
202.3	202.7	0.34	85															
202.7	203.4	0.29	41															
203.4	204	0.51	85															
204	204.1	0.12	120															
204.1	205	0.8	89															
205	206.1	0.82	75															
206.1	206.9	0.74	44															
206.9	207.6	0.31	44															
207.6	208.6	0.85	85															
208.6	209.4	0.8	100															
209.4	212.4	2.19	73															
212.4	215.4	1.06	35															
215.4	218.4	0.45	15															
218.4	220.2	1.37	76															
220.2	221.4	0.2	17															
221.4	222.7	1.12	86															
222.7	224	0.9	69															
224	224.8	0.36	45															
224.8	225.6	0.66	83															
225.6	227.4	1.63	91															
227.4	227.8	0.12	30															
227.8	228.4	0.32	53															
228.4	229.6	1.12	93															
229.6	230.2	0.45	75															
230.2	231.5	1.13	87															
231.5	233	1.47	98															
233	233.7	0.5	72															

Drillers'	Blocks	Recovery	Recovery	Geology	Structure	Core Assays	Cu	Pb	Zn	Ni	Ag	As	Co	Mo	S	Au	Pt	Element
233.7	235.3	1.6	100															
235.3	236.1	0.82	103															
236.1	237.5	0.81	58															
237.5	239	0.95	63															
239	239.7	0.36	51															
239.7	240.7	0.9	90															
240.7	241.1	0.35	88															
241.1	241.9	0.64	80															
241.9	242.5	0.3	50															
242.5	242.8	0.16	53															
242.8	243.3	0.36	72															
243.3	244.6	1.15	88															
244.6	245.6	0.85	85															
245.6	246.7	0.47	43															Element
246.7	247.8	0.62	56															Units
247.8	248.8	0.85	85															Method
248.8	249.4	0.4	67															Sensitivity
249.4	250.2	0.73	91															
250.2	251.4	1.05	88															
251.4	253.3	1.48	78															
253.3	254.3	0.85	85															
254.3	255.3	0.83	83															
255.3	256.4	1.06	96															
256.4	256.9	0.35	70															
256.9	257.8	0.74	82															
257.8	259.8	0.95	48															
259.8	260.2	0.13	33															
260.2	261	0.7	88															
261	262.3	1.28	98															
262.3	262.8	0.15	30															
262.8	263.6	0.65	81															
263.6	264.1	0.39	78															
264.1	265	0.7	78															
265	265.7	0.27	39															
265.7	266.5	0.53	66															
266.5	266.8	0.15	50															
266.8	267	0.22	110															
267	267.8	0.55	69															
267.8	268.3	0.42	84															
268.3	269.4	1.05	95															
269.4	270.5	0.05	5															
270.5	271.2	0.36	51															
271.2	272.4	0.84	70															
272.4	?272.4?	1.02	?															
?272.4?		EOH																

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole AP017

Magnetic Susceptibility

From (m)	To (m)	Mag.Sus. SI X 10^{-5}
0	72	Core very broken and weathered
72	73	160
73	74	290
74	75	130
75	76	320
76	77	280
77	78	290
78	79	300
79	80	330
80	81	too soft
81	82	300
82	83	240
83	84	260
84	85	220
85	86	broken
86	87	220
87	88	200
88	89	240
89	90	too soft
90	91	260
91	92	260
92	93	150
93	94	210
94	95	260
95	96	broken
96	97	190
97	98	170
98	99	210
99	100	170
100	101	190
101	102	190
102	103	160
103	104	180
104	105	210
105	106	290
106	107	190
107	108	350
108	109	330
109	110	340
110	111	330
111	112	370
112	113	300
113	114	310
114	115	320
115	116	320
116	117	330
117	118	340
118	119	340
119	120	330
120	121	350
121	122	390
122	123	410

Magnetic Susceptibility

From	To	Mag.Sus.
123	124	430
124	125	200
125	126	230
126	127	310
127	128	350
128	129	340
129	130	350
130	131	?
131	132	310
132	133	330
133	134	400
134	135	230
135	136	330
136	137	broken
137	138	310
138	139	220
139	140	350
140	141	260
141	142	250
142	143	240
143	144	210
144	145	160
145	146	290
146	147	270
147	148	300
148	149	340
149	150	350
150	151	330
151	152	330
152	153	340
153	154	350
154	155	300
155	156	310
156	157	350
157	158	360
158	159	340
159	160	320
160	161	320
161	162	360
162	163	390
163	164	350
164	165	280
165	166	330
166	167	310
167	168	310
168	169	292
169	170	300
170	171	290
171	172	290
172	173	260
173	174	370
174	175	390
175	176	220
176	177	190
177	178	190
178	179	210
179	180	210

Magnetic Susceptibility

From	To	Mag.Sus.
180	181	160
181	182	130
182	183	400
183	184	370
184	185	broken
185	186	broken
186	187	broken
187	188	broken
188	189	broken
189	190	390
190	191	broken
191	192	broken
192	193	broken
193	194	broken
194	195	370
195	196	400
196	197	broken
197	198	broken
198	199	broken
199	200	220
200	201	broken
201	202	broken
202	203	broken
203	204	broken
204	205	210
205	206	290
206	207	250
207	208	broken
208	209	350
209	210	410
210	211	360
211	212	410
212	213	broken
213	214	broken
214	215	broken
215	216	broken
216	217	broken
217	218	broken
218	219	370
219	220	270
220	221	broken
221	222	320
222	223	350
223	224	300
224	225	330
225	226	680
226	227	550
227	228	broken
228	229	290
229	230	2110
230	231	290
231	232	500
232	233	490
233	234	420
234	235	1090
235	236	620
236	237	350

Magnetic Susceptibility

From	To	Mag.Sus.
237	238	360
238	239	710
239	240	400
240	241	5500
241	242	9900
242	243	280
243	244	5450
244	245	100
245	246	230
246	247	240
247	248	broken
248	249	110
249	250	170
250	251	360
251	252	400
252	253	400
253	254	270
254	255	280
255	256	300
256	257	330
257	258	280
258	259	250
259	260	200
260	261	230
261	262	200
262	263	210
263	264	250
264	265	240
265	266	broken
266	267	240
267	268	190
268	269	180
269	270	190
270	271	310
271	272	300
272	273	300
272.4		EOH

Stellar Resources Ltd
Alpine Prospect

Diamond drill hole AP017
Surveys

Depth (m)	Azimuth Magnetic	Dip
100	329	-59
150	332	-60
200	331	-62
250	320	-61

DRILL LOG AP018

Stellar Resources Ltd

EL46/2003, Alpine Prospect

Diamond drill hole **AP018**

Collar coordinates: GPS MGA Zone 55 (GDA94) 341 084mE 5 376 749mN
RL: (msl+2000) 2163 m
Length: 82 m
Azimuth: n. a.
Dip: -90^0
Drilled: 2007, Boart Longyear
Drill: Triple tube HQ/NQ
Logged: Nic Turner, May, 2007

Drillers'	Blocks	Recovery	Recovery	Geology		
From (m)	To (m)	(m)	%	From (m)	To (m)	Description
0	2.5	1.27	50.8	0	4	Sand and orange clay. The clay has relict granular texture after Tertiary basalt.
2.5	4	0.27	21.6	4	43.5	Graphitic, muscovite-quartz phyllite with minor interbanded schistose, muscovitic
4	4.9	0.9	100			quartzite. The entire interval is very strongly weathered, very soft and very broken.
4.9	6.4	0.23	15.3			Muscovite has olive colour at 4-4.8 m, 13.5-18.1 m, 21.6-24.7 m.
6.4	8.4	0.11	5.5	43.5	45.3	Clayey pug after graphitic phyllite.
8.4	10	0.8	50.0	45.3	48.3	Graphitic, muscovite-quartz phyllite with abundant quartz veins. Partly brecciated.
10	10.8	0.3	37.5			All very soft.
10.8	13	0.7	31.8	48.3	49.3	Clayey pug after graphitic phyllite.
13	14.1	1.1	100.0	49.3	51.8	Phyllite similar to 45.3-48.3 m.
14.1	15.6	0.65	0.0	51.8	55	Mostly clayey pug with a little schistose, muscovitic quartzite.
15.6	17	0.6	42.9	55	61	Very soft, graphitic, quartz-muscovite phyllite.
17	17.8	0.55	68.8	61	80.9	Clayey pug after phyllite and schistose quartzite
17.8	19	1.1	91.7	80.9	82	Very broken core of black, graphitic, pyritic, muscovite phyllite.
19	20	0.9	90.0	82		EOH
20	21.5	1	66.7			
21.5	22.4	0.6	66.7			
22.4	23.5	0.74	67.3			
23.5	24.4	0.7	77.8			
24.4	27.5	1	33.3			
29	30.2	1.2	100.0			
30.2	31.6	0.75	53.6			
31.6	33	0.65	46.4			
33	34.5	0.6	40.0			
34.5	36.2	0.8	47.1			
36.2	37.1	1.05	116.7			
37.1	38.3	0.8	66.7			
38.3	39.1	0.65	81.3			
39.1	40.9	0.5	27.8			
40.9	43.5	1.4	87.5			
43.5	43.7	0	0.0			
43.7	45.3	0.6	37.5			
45.3	46.2	0.9	100.0			
46.2	48.3	0.9	42.9			
48.3	49	0.05	7.1			
49	49.3	0.15	50.0			
49.3	50.8	0.6	40.0			
50.8	51.8	0.6	60.0			
51.8	55	0.4	12.5			
55	58	1.2	40.0			
58	61	0.9	30.0			
61	62.2	0.65	54.2			
62.2	64.6	0.8	33.3			
64.6	74.1	0.9	9.5			
74.1	81	1.2	17.4			
81	82	0.2	20.0			
82		EOH				

Note: The hole was abandoned because of the very bad ground conditions.

Note: Core too soft and broken, and recovery too poor to obtain either useful structural data or magnetic susceptibility measurements.

Note: No camera surveys were carried out.